Sept. 1.
1869.

2 Montague Villas
Richmond
(Surrey)

Dear Sir

I am truly obliged to you for your present of the specimens of Rom. Bulbocodium & Oph. cornuta Steu., which are most welcome.

I am much struck with the dissimilarity between the Dalmatian & Istrian Rom. Bulbocodium, & the plants generally referred to this species which I have seen fresh specimens of from Biarritz & Genoa. I should say, however, that the forms from Biarritz & Genoa are quite as unlike one another, as they are to your specimens.

Ophrys cornuta Steu. is a truly remarkable

plant, yet most closely connected with the true Oph. scolopax Cav. (Ex Rchb. Ex.)

When I see these well characterised forms, I am almost tempted to forget the high variability of the plant & to cry species at once -

At Mentone the fruit of the Arbutus is eaten by many people, & even sold in the market, but I have never before heard of its being cultivated for eating, as I gather that the variety you allude to as cultivated at the Pont du Garde is -

Some of the bushes which have come up from stools, give very large & handsomely 5-ribbed fruit, & I know of one or two such at Mentone which are especially sought after by the Mentonese -

I am greatly perplexed to find that at Mentone - as far as my observations yet go - no two Arbutus trees have their characters in common; so that Arbutus would seem to be there in so unstable a condition that the variation of fruit, flower & leaf is not inherited -

Once more allow me to thank you for so kindly sending me the specimens & the accompanying note, & believe me.

Yrs very truly

J. Zaherne Moggridge.

Sept. 21
1869

Moggridge
2 Montague Villas
Richmond
(Surrey)

My dear Sir

Thank you for your very kind note received yesterday afternoon –

You will indeed give us all great pleasure if you & your party will look in upon us some afternoon, &, as we hope, join us at our four o'clock tea –

On Thursday next we intend to pay a visit at Long Ditton & shall be absent from 2 to 6 pm – but we have no other engagements –

We leave Richmond on Oct. 8th –

I had hoped that you might have come across M. Thuret again when you were in Paris, but this does not seem to have been the case – He alluded with marked pleasure to your flying visit to Antibes last winter. –

I have just had a letter from him, & he speaks of the intense summer heat, & great drought, which, on Sept. 17, was compelling him to get water for the garden from the town of Antibes !!

The thermometer marked 30° centigrade in the shade.

Believe me, with united kind regards.

Yr. sincerely

I. Katherine Moggridge –

Oct. 8
1889.

17 Eastbourne Terr.
W.

Dear Dr. Gray

Thank you very sincerely for your kind letter, & for the enclosure –

I had very much wished to ask for one of your photographs, but it occurred to me that if every one who wished, asked, you would soon be driven either to keep a secretary or to despair –

I shall always remember the pleasure which your visits have given me, & I cannot willingly part with either of the portraits which remind me of them.

I shall value them very highly, & hope that you will for this reason forgive my greediness -

I send you my photograph, taken at Richmond last summer, & it will gratify me ~~the~~ to think that it is in your possession - -

Will you give my kind regards & those of my Mother & Sister to Mr. Gray, & say how sorry we are not to have had the pleasure of seeing her again -

Again, best thanks.

Yrs. very sincerely

I. Katherine Moggridge.

Mobile Ala. May 16th, 1882.

Mohr

Prof. Asa Gray. —

Dear Sir! In compliance with your request I have the pleasure to send to you through kindness of Prof. Sargent a small package of plants which I hope will be of interest. —

The Rudbeckia nitida. I send must be the plant you refer to in your letter of the 1st; it was collected at the same time and near the same place in County W. Fla with the Echinacea atrorirens. It is a perennial with a fusiform root throughout glabrous, over 2 feet in height stem divaricatly branching a short distance above its base, — rays bright sulphur yellow, disk dark brown. — Shaded borders of streams, ditches and swamps; near Dead Lakes. June 27. 1880. —

Echinacea atrorirens. Nutt. — Perennial. Stem simple slightly flexuous. about 2 feet heigh. in full grown plants radical leaves 10 – 12 inches long. The color of the rays in the specimen send has remained unaltered. — This plant seems to be rare, met only near Iola in wet open Pinebarrens.

June 27. 1880. — The whole plant of a dark purplish hue. —

It is strange that the female plants of the Darbya are so scarce and hard to find. After the closest search amongst the several hundreds of plants confined within a few acres on the tableland near Cullmann not a single pistillate plant could be found. — The propagation [illegible] takes place entirely by the long running roots from which start out new single shoots. —

I hope to be able to procure at the proper time ripe sound seeds of the beautiful Rhus Cotinoides, Nutt; which after the experience of the severe winter 1880–81 where the thermometer reached below zero at its native place, might prove hardy even in New England, at least any where where its nearest relative the European Rhus Cotinus, can be grown. — As an ornamental plant it is greatly superior to by its fine arborescent growth the richness of its foliage of the most tender and pleasing shade of pale green and abundance of its ample delicate panicles.

I remain very respectfully

Yours

Chas Mohr

Mobile Ala June 5th 1882. –

Prof. Asa Gray.
Botanic Garden Cambridge
Mass.

Dear Sir! – Just returned from a trip to the southern spurs of the Cumberland mountains bordering on the Tennessee in this State, where I made a rich harvest of the seed of Rhus Cotinoides. I find your favor of 2d inst. – I am glad to find that the few plants I send you were found interest and particularly that the specimen of the Rudbeckia ~~and~~ were sufficient to allow you to dispell the doubts about its specific character. – To find it as new species dedicated to me going in to the new Flora is an honor I deeply appreciate and reward ~~so~~ how pleasure no one but the Botanist knows to enjoy. – Take my sincere thanks for this kind appreciation of my efforts to serve the interests of botanical science in my adopted country. – I feel rather mortified to have to record another failure of my efforts to find the female flowers or fruits of the Darbya. – I spend the whole of the 1st of this month travelling over the Sandmountain in Cullman County; found numbers of the plant in ~~various~~ several localities in different directions but not a vestige of a flower or a fruit was seen, the male flowers by this time having all been shed. – So this season has to pass by without affording us the much coveted object. I can say that I tired myself fairly out in my fruitless search for it. –

Acanthospermum hispidum. DC. is a plant introduced from ~~the~~ South America with ballast at Pensacola; I found

it is now growing abundantly with other weeds of the roadsides apparently fully established. — Please let me know if I have been correct in naming it. — Acanthospermum xanthoides is spreading very rapidly over the lower half of the eastern Gulf states. —

I ~~shall~~ have the pleasure to send you fine fruit and foliage specimens of Magnolia cordata. — As I found this splendid tree growing in the narrow fertile valleys of Blount county all the doubts ~~to~~ about its being a mere variety of the Magnolia acuminata, which perplexed me during the last two years have vanished. In its fully developed foliage it shows itself as a tree of a distinct and strongly marked character and habitus differing widly from M. acuminata. — It seems to be a rare tree and one well worthy of a wider cultivation. ~~in~~

I hope to reach before the close of the season the headwaters of the Cahawba river where Prof. E. A. Smith first discovered the beautiful and interesting Croton Alabamensis; Chap. inedit ~~it~~ I found first a sprigg of it ~~amongst~~ the plants of the Geol. survey of Ala collected by the Professor; notwithstanding the poverty of the specimens bearing only a male spike with the flowers yet in the bud. I recognised as plant entirely new — Some time later I was so fortunate to find a unripe capsule and a female flower, from which it was evident that it has its place amongst the section Eleuteria. Better material reaching Dr Chapmann he described it as Croton Alabamensis. — flor. S. St. ined. — It is the one of the finest finds made in our state since the discovery of the Revieusia. — I remain very respectfully

Yours Chas Mohr.

Mobile Ala Decbr 7. 1884.

Prof. Serano Watson!

Dear Sir! In reply to your favor of 3d. inst I have to state that I possess some of the plants mentioned amongst the remnants of the Ridellian Herbarium; and are particularly some Cyperaceae collected by Hale which seem very interesting to me, and which I had sent Yearsago to Prof. Torrey through Judge Clinton. It appears that the Orders found no time to publish the results of his examination of them and they were returned to me, with a few notes attached, amongst them Onycaryum Carpenter to the plant which I ~~have no doubt~~ might have been called Cyperus Carpentari by Hale; and the same I have sent to you several years past; Since I have found the plant more abundantly in better condition, which confirms my opinion that it is certainly a ~~very~~ remarkable species not belonging to the Genus Cyperus, from which it differs in its acute flat and perfectly glabrous achenium.

I am sorely pressed for time on account of my connection with the arrangements of the exhibits of the products of this state at the New Orleans Exposition. After being through with that matter and finding myself more

quietly settled again at home I shall send you two plants. — To safe Postage keep the roses until you return the letter to me. —

I remain very truly Yours

Charles Mohr

Mohr

Mobile September 4th 1885.

Prof. Serano Watson.

Dear Sir!

I am very glad to perceive from your welcome lines of the 31st. of p. month that you have regained your health after your trip to Guatemala. –

I have looked again for the Nymphae which I thought to have found here, and judging from leaves only to be identical with the plant found afterwards by Dr. Joor in Eastern Texas. – If a new species its discovery is solely to be credited to that ~~species~~ Botanist and the locality Mobile to be left unmentioned, until I should succeed of finding it here in bloom. –

I also deeply regretted to have missed the pleasure to meet you at New Orleans last Spring. I hope that your ways will ~~still~~ tend some day in this direction. Since my return from the New Orleans exposition my business affairs have left me ~~no~~ scarcely any time for botanical work, and the fond expectation to visit the Meeting of the Am. Bot. Congress at Boston to all appearances will not be realized. –

I am anxious to hear again from you about Dr Joors plant. I understand that he is in the field in Louisiana

engaged to get up a botanical display for the next New Orleans Exposition.

I remain very truly

Yours

Charles Mohr

Please give my best respects to Prof Gray.

Jamaica Plain
Arnold Arboretum Sept. 23rd 1895.

Dear Mrs Gray:

Thanks for your kind invitation received this morning. It will give me great pleasure to be at your house at the appointed hour for dinner Wednesday next September 25th.—

I regret to say that under the pressing demands upon his time Professor Sargent can not join me on my visit to Cambridge.

I remain very respectfully
Yours Charles Mohr

Monsieur Asa Gray New-yorck

Monsieur et très honoré confrère

J'ai reçu par les mains de Monsieur Weble les marques de souvenir que vous avez bien voulu conserver de moi. Veuillez donc agréer mes remerciemens pour les Mousses de la Floride que vous m'avez adressées. J'ai étudié celles qui n'avaient pas de nom et je m'empresse de vous transmettre le résultat de mon examen. Les numéros rendront la chose facile. Mais auparavant, il faut que je vous dise qu'une Mousse que vous avez nommée hypnum serpens, fide hookeri, est l'hypnum rutabulum L. il est probable qu'il y a eu transposition des étiquettes ou un lapsus calami de votre part.

N. 1. Fissidens asplenioides hedw. — 2. Trichostomum pallidum hedw. — 3. Leucodon brachypus — 4 et 5 deerant. — 6 Neckera cladorrhizans hedw. — 7. Oncophorus glaucus Br. et Schrp. Dicranum glaucum var. albidum Brid. — 8 Weissia viridula var. microdus Brid. — 9 deest. — 10 Arthenopterum heterostichum hedw.

Quant vous aurez d'autres Mousses dont vous désirerez connaitre le nom, vous pourrez user de mon ministère si vous y avez confiance et me croire, Monsieur, avec la plus parfaite estime,

Votre tout dévoué serviteur

Paris le 28 Juillet 1840.

Montagne

Amend Feb. 16. 1841

My dear Dr Gray

I will begin by telling you that Leptoglottis Nuttallii DC. was created by the learned Prodromographer on a very poor specimen sent by Nuttall to Philip Mercier in 1825. in flower, but without fruit, & marked "Schrankia horridula Willd. Arkansa." and externally it does not differ in the least from S. uncinata Willd. Mimosa horridula Mich. I send you half a capitule & some leaflets and you will decide for yourself whether the genus is good. The judgment and tact of DC. in these matters are certainly superfine, but nemo omnibus —

I have had much pleasure in making the acquaintance of Dr Van Rensselaer & family they are very agreable people, and himself a man of great information. Your gifts were duly distributed and appreciated. I myself have to thank you for a most splendid set of plants and of the highest interest as types of your species. Your orchideous rectifications are remarkable, and yet these are the fathers of the science who have made such blunders! It is not to be wondered that Linnaeus erred as to American species when we see how many little peccadillos even in European plants he has handed down to his admiring and unsuspecting successors with whom he was the law & the prophets. I picking up a few of these tares in my Canarian business, I have just found that his Tamarix gallica contains two very marked species one occupying the shores of the ocean, the other those of the mediterranean and going down in Africa as far as Senegal, and being the T. Canariensis Willd. T. Senegalensis DC &c &c. By the bye the Cerastium hirsutum Elliott (from an authentic specimen in Mercier's herbarium) is our common C. glomeratum Thuill. C. vulgatum Linn. herb. ex Smith &c &c I have mentioned this in the Phytog. Canariensis. I agree with the oculatissimus Koch in rejecting the Linnaean names as too confusing and confused. What will become of these poor changeable creatures the Cerastia I know not, a set of German & French Botaniculi are cutting and splashing them most cruelly we shall shortly have as many species as individuals to the greater glory of the Reichenbachs Sagar-Willemets et hoc genus omne.

Moquin-Tandon has just published his enumeration of Chenopodia a copy of which I send you with this. Auguste de St Hilaire has just sent out the first volume of his Leçons de Botanique comprenant principalement la Morphologie végétale. It is so philosophical & so full of new views & ideas that, tho' you are in no need of lessons, I almost think I ought to send it over to you. Mr Boreau who has succeeded Desvaux at Angers has just published the Flore du centre de la France but this will scarcely interest you. Bonafous is putting together materials for an agronomical & botanical history of rice, can you give him any notions concerning its culture in America? Our friend Spach is doing another volume of his Suites. Decaisne in addition to several other labours has undertaken Jacquemont's Indian plants given up by Cambessedes, who has retired with Madame Delile into Languedoc paterna colens jugera, oblivious of the rivalries of the capital and the fauteuil at the institute which he once ambitioned. Adn de Jussieu is printing in the ann. sc. nat. a synopsis of his Malpighiaceae. Our friend Gay, who thanks you much for thinking of him, is now deep in Anthemideae, I think he unites 9 plants enumerated as species by DC in the A. montana. Mrs Gay is in Switzerland. Mr Boivin is positively at last I believe about to enfanter his enumeration of the plants of Barbary, it is to come out in a scientifico-economic journal. Dr Coulter is here studying his Mexican plants, we have had too the encyclopaedic Loudon. Von Martius is expected. This is my present aliquotity of botanic news and I must now finish as Dr Van Rensselaers box must start this evening. I must not however neglect to mention that I have settled Chs Chevalier's bill, it was only

I am grateful to Mr Nuttall for his good intentions as well as to Dr Torrey who I am sorry gives you no aid at present. You are doing wonders in your immense Flora. Thanks for the autographs I will look you out some for another envoi.

Paris 11th Aug. 1840.

always very truly yours P. B. Webb.

Keep for
Antoine
of Martin

A Monsieur

Monsieur Asa Gray
Botaniste célèbre

A Newyork

Lapl. Hottes

A A.

A.

M. le Professeur Asa-Gray
Harvard University.

Paris, le 4 Septembre 1843.

Monsieur et très savant confrère

J'ai bien reçu dans son temps votre lettre du 1er février de cette année par laquelle vous me donniez avis qu'un nouveau paquet de Mousses et d'hépatiques recueillies par M. Sullivant venait d'être adressé pour moi à Hector Bossange, libraire, quai Voltaire. Vous m'annonciez aussi que ces plantes étaient elles mêmes renfermées dans un ballot dirigé à M. Benj. Delessert. Jusqu'à présent, et 6 mois se sont écoulés depuis la réception de votre lettre, rien ne m'est parvenu. M. Lasègue, Bibliothécaire et conservateur du Musée de M. Delessert a dû même vous écrire tout récemment pour vous prévenir que nous n'avions rien reçu. J'aurais donc gardé le silence à ce sujet si notre habile et savant opticien

M. Charles Chevalier n'avait eu la bonté de me prévenir qu'il devait prochainement vous faire un envoi et qu'il permettait que j'y joignisse ces deux lignes tout à la fois comme un souvenir amical et comme un témoignage de mon dévouement.

Bien que mes nombreux travaux me laissent peu de loisir, j'en trouve toujours quand il s'agit d'obliger des chercheurs comme M. Sullivant. C'est encore cela une façon d'être utile à la science.

Mon ami Schimper vient de m'adresser son 20.ème fascicule. C'est un admirable ouvrage que possède sans doute M. Sullivant et qu'il doit sans faute acquérir si ses moyens le lui permettent, car l'ouvrage est tout au plus à moitié et il coûte plus de 200 francs. Ce sera donc 4 à 500 fr. l'ouvrage complet.

J'ai fait dans le temps votre commission près de notre ami M. Webb qui se porte fort bien.

Agréez, Monsieur, l'hommage des sentiments de haute estime avec lesquels je suis votre très obligé serviteur et ami

Montagne

P. S. Tâchez donc de me trouver un correspondant aux Etats-Unis qui s'occupe des plantes marines. Je n'en ai jamais reçu que de M. Bailey, de West-point encore, qui est déjà un point du fleuve assez éloigné de la mer.

Paris ce 24 Juin 1846

Monsieur

Monsieur le Baron Delessert, qui avait bien voulu se charger de vous faire parvenir ma lettre ayant différé de le faire pour attendre l'occasion de vous adresser quelque chose, je l'ai réclamée pour y ajouter quelques mots. J'ai donc l'honneur de vous apprendre que mon article sur les Musci alleghanienses est rédigé et sous presse et qu'il paraîtra ces jours-ci. Monsieur Sullivant m'a écrit depuis, la remise de mes lettres chez M. Delessert et m'a prié de faire des vérifications dans les Mousses de Michaux qui ont été publiées par Richard père. J'ai fait sa commission et je lui donne tous les renseignemens que j'ai pu trouver. Je vous adresse pour lui une collection de Mousses et d'hépatiques qui lui sera bien précieuse, je crois puisqu'elle se compose de plus de cent cinquante espèces presque toutes nouvelles pour lui. Veuillez être assez bon pour la lui transmettre de la façon la plus sûre, car si elle se perdait je ne serais plus en mesure de la remplacer, sans compter qu'il m'a fallu près de huit jours pour la préparer. Je désire qu'il voie dans mon empressement à lui être agréable, tout le plaisir que m'a causé votre gêner eux souvenir et le sien.

Soyez donc bien persuadé des sentimens que je viens de vous exprimer et que je saisirai toutes les occasions que vous pourrez m'offrir de vous être ici, et selon mon pouvoir, de quelque utilité.

Je compte faire insérer prochainement dans la revue botanique de M. Duchartre un petit article où je donnerai l'analyse de votre publication, en prenant soin surtout de donner les diagnoses des espèces nouvelles.

Aussitôt qu'une occasion favorable se présentera, j'aurai aussi l'honneur de vous faire tenir quelques brochures cryptogamiques.

Agréez en attendant, Monsieur et savant confrère l'assurance des sentimens de haute estime avec lesquels je me dis

Votre très humble et tout dévoué serviteur

Montagne

Paris ce 10 Mai 1846.

12, rue des Beaux-Arts

à Monsieur le Professeur Asa-Gray

Monsieur,

Je ne puis trouver d'expressions assez fortes pour vous témoigner ma reconnaissance. La générosité que vous avez montrée à mon égard en daignant m'adresser un exemplaire de la magnifique collection des Muscinées des Monts Alleghanys, cette générosité, à laquelle j'avais si peu de droits, m'a pénétré des sentimens de la plus vive et de la plus sincère gratitude. Si j'ai pu faire quelque chose qui fut agréable pour vous, Monsieur, et pour M. Sullivant, j'en suis vraiment bien recompensé, et au centuple, par votre beau cadeau que Monsieur le Baron Delessert a eu la bonté de me remettre de votre part.

Je joins enfin à cet envoi les quelques brochures annoncées dans la première partie de ma lettre en vous priant de vouloir bien les agréer et les traiter avec indulgence.

Monsieur Webb, devenu propriétaire à Paris et presque notre compatriote, se porte bien et me charge de vous transmettre ses civilités affectueuses.

Veuillez bien, Monsieur, me conserver votre précieuse bienveillance et croire aux sentimens d'estime inaltérables que vous avouez votre très humble serviteur

Montagne

Send back [illegible]

[illegible] not why [illegible] should imagine himself under any obligations to me — Hope he has sent you some thing [illegible]

[illegible]

Paris 27 février 1857

Monsieur

Je saisis avec joie l'occasion de vous écrire. M. Lasègue m'ayant dit hier que notre ami M. François Delessert allait vous envoyer une caisse et qu'il se chargerait volontiers de quelques vetements, je prends la liberté de vous adresser pour la Société Smithsonienne un petit paquet, renfermant surtout un exemplaire de mon Syllabus; j'espère que cet ouvrage qui résume tout mes travaux antérieurs et qui contient en outre la description complète de plus de soixante cryptogames de l'Etat de l'Ohio, envoyés par M. Sullivant, pourra offrir quelque intérêt à cette Société dont la générosité rend tant de services aux sciences. Oserais-je vous prier, Monsieur, de vouloir bien en lui présentant cet ouvrage en mon

nom être l'interprète des sentimens de reconnaissance qu'elle inspire à tous les amis des Sciences et surtout au vieux cryptogamiste de la rue des Beaux-Arts. Vous me rendrez un vrai service.

J'aurai encore à vous prier d'un autre service, ce serait d'adresser par occasion à Amherst, à M. Tuckerman, le petit paquet de brochures que vous trouverez dans le vôtre, ou au moins de le garder chez vous jusqu'à ce qu'il l'y fasse prendre ou le réclame.

J'en ai mis pour vous dans le paquet que des brochures sur les maladies des végétaux, parce que mes élucubrations cryptogamiques ont trop peu d'intérêt pour vous.

J'en désire, Monsieur et cher confrère que cette lettre vous trouve, vous et votre aimable épouse, dans la meilleure santé possible et toujours aussi bienveillant pour votre très dévoué et affectueux confrère en Flore

Montagne

12 Rue des Beaux-Arts.

P.S. Vous aurez vu dans nos Comptes rendus de l'Académie des Sciences que nous avons rendu à vos travaux la justice qu'ils méritent en vous portant sur notre liste de correspondants étrangers offerts à son suffrage. C'est notre vénérable ami Sir W. Hooker sur qui son choix est tombé et vous ne manquerez pas d'y applaudir avec nous à une autre fois.

à Monsieur le professeur Asa Gray
à Boston — aux Etats-Unis d'Amér.

Paris le 12 novembre 1866

Cher Monsieur,

Permettez-moi de me rappeler à votre bon souvenir et en même temps de vous adresser un million de remerciements pour la complaisance que vous avez eue de m'expédier par votre libraire Rossange les beaux ouvrages sur les Mousses de mon généreux ami M. Sullivant et sur les Champignons de la Caroline du Sud de M. Ravenel. Tout cela est arrivé en bon état.

Je viens maintenant mettre encore à contribution votre obligeance pour moi. Voulant reconnaître autant qu'il est en moi la générosité, la libéralité sans égales de M. Sullivant, je lui retourne en échange des siens quelques uns de mes ouvrages ou brochures qu'il n'a pas encore, auriez vous l'extrême bonté de les lui faire tenir? Cela m'obligerait infiniment. Ces livres vous sont adressés par l'entremise de Rossange chez qui je voudrais les remettre.

Je profite de l'occasion pour joindre au paquet quelques brochures pour l'Institution Smithsonienne et pour vous, en vous priant instamment de communiquer vous-même le peu que je destine à cette célèbre institution et de lui exprimer mon regret de ne pouvoir lui envoyer rien qui soit plus digne d'elle. Il y a encore deux autres petits paquets, l'un pour M. Ravenel, d'Aiken dans la Caroline du Sud et l'autre pour mon ancien correspondant M. Euckeboman, de Boston.

Nos amis Brongniart, Decaisne etc. me chargent aussi de les rappeler à votre agréable souvenir.

Si vous avez lu la préface du mon Sylloge, (je vous en envoie pour vous un exemplaire que je vous prie d'accepter, en m'excusant d'avoir négligé de vous l'adresser plus tôt) vous y aurez vu que M. Sullivant m'a gratifié dans le temps d'une magnifique collection de champignons en nature, recueillis aux environs de Columbus. Ces champignons desséchés étaient accompagnés de magnifiques aquarelles peintes par un Monsieur Robinson. Parmi ces champignons, il y en avait une soixantaine presque tous superbes agaricinées, que j'ai décrits dans mon Sylloge en mentionnant le No. de la figure. Si j'eusse été assez riche je n'aurais pas manqué de reproduire ces figures qui sont parfaites; mais hélas, je n'avais pas le moyen de compléter mon travail.

Il serait digne de l'Institution Smithsonienne de réparer cette omission. Il suffirait de reproduire les figures des soixante espèces, en ne donnant pour tout texte que mes diagnoses et l'habitat. M. Sullivant a dû conserver des doubles des planches et pourrait les communiquer. Quant à celles que j'ai reçues de lui, elles sont reliées en un volume que j'ai fait faire exprès et sont destinées après moi à orner la Bibliothèque du Muséum de Paris.

Je vous supplie donc pour oublier de présenter mon respectueux hommage à Madame Asa Gray et d'agréer pour vous, Monsieur l'assurance des sentiments de haute estime et de tendre confraternité avec lesquels je suis et serai toujours votre dévoué serviteur

C. Montagne

Monsieur

Monsieur Webb

Chez lui

Mon cher Monsieur Webb

Demain à deux heures précises j'attends votre jeune homme et je le présenterai ou plutôt je le conduirai à l'académie.

Si vous avez gardé Nees, j'aurai quelque plaisir à le consulter à Mardi pour l'intercallation d'un mon faible don

Tout à vous
d'amitié cordiale

A. Coulaguet

degrees, at Kew. Only it takes much time to work into that large collection, the examination of which for habitats is now my heaviest task.

Believe me
Yours very truly
Thos Moore

Moore

Chelsea Jan 28. 1858

My dear Sir

I have to thank you for your very kind note of Nov. 4th which has till now laid unanswered — excepting that I hope the Parts 2 & 3 of Index Filicum have already reached you, as I immediately wrote to Pamplin to send them if he had failed to do so previously. He had instructions to forward them as they were issued.

I should very much like the clump of Aspidium intermedium & Boottii which you kindly offer to send, especially the latter which looks a stranger to our European eyes. I think the former has the slowly creeping rhizome which connects it with spinulosa & cristata, judging from the small imported plants we get. It is the old & massive tufts which should best exhibit the peculiarity.

When you are sending, Lastrea Goldiana, Polypod.: hexagonopterum, or incanum, Allosorus gracilis, Woodwardia virginica — if come-at-able, would be welcome in the living state, but may don't trouble to get them.

I am glad to find you like the Index-Filicum — which will I think be really useful, & as I hope not very incorrect. It is a tedious work, & progresses but slowly, but 4 being the last issued. However I mean to keep close at it, & get it out as fast as I can.

I have seen some of Pudley & of Wright's ferns, & they are both very interesting. I wish I had them complete for quotation, though I shall probably find them all by

Rochester Oct 17. 1872

My Dear Sir

I have read your address on the Sequoia with so much pleasure that I cannot forbear thanking you for the privilege of reading it. To my mind it is a model discourse, and happily adapted to the occasion. I can imagine the pleasure it gave you to articulate the facts, and make the deductions. It encourages the belief that the ancient history of this world will yet be read in all its parts.

Yours very truly

L. H. Morgan

Prof. Asa Gray.

Prof. Wyman, whose scholarship and beautiful character often rises before me. He was a rare man and an attracting friend

Yours truly

L. H. Morgan

Prof. Asa Gray

Cambridge

Rochester May 17. 1875.

My Dear Sir

It was a pleasure to me to secure your letter this morning.

The disposition you have made of "Consanguinity" is entirely satisfactory.

I forward two copies of "Australian Kinship" which is the paper you suggested.

For some time I have intended to write to you to ascertain the scientific names of the indigenous plants cultivated by

Aloriginies. the bean. squash. Cotton. pepper. and Tobacco.

Herrera and Clavigero call the bean cultivated in Yucatan & Mexico the Kidney bean. because it resembled the European K.-G. The Iroquois bean was red and black. I am not able to give any better description

The squash was sibled and indented, in other words scolloped. The Iroquois still call this "the Squash". and other kinds, varieties

The Tobacco they cultivated & think was not equal to the present variety. but I am not sure. It was of course the same. or an older form from which the present was developed.

Of the cotton. which was cultivated in New Mexico & Southward I know nothing. If you can send me the names of these plants without inconvenience I will thank you. I presume you had occasion to identify the most at least of our indigenous cereals and plants.

I can but grieve for the death of

has already commenced. We may reasonably look for results equally grand, comprehensive and complete. I believe in the final triumphs of American genius and thought in the affairs of the Earth; and am gradually losing my reverence for European thought and logic, which is now gear among our scholars.

With great respect

Yours truly

L. H. Morgan

Rev. Asa Gray.
Cambridge

Rochester Sept 15. 1875

My dear Sir

I received your letter, referring to my article in Nature answering Sir John Lubbock's criticism, with much pleasure. You probably noticed Lubbock's answer in the November of June 17, and my reply in Aug. 19th.

I hope this will be the end of it as I have no relish for such controversies. If he replies I think I shall

go no further. He has misunderstood my book very carelessly

I have a new book nearly ready entitled "Ancient Society: or Researches on the Lines of Human Progress through Savagery and Barbarism to Civilization." in which the principal results in the volume on Consanguinity are more fully extended and explained. What little I have done, and it is not much, I expect to keep against all claimants.

One or two more generations will give us a race of American scholars who will equal and I believe excel those of England, France and Germany. and do much of their own work out for them. They bear us at present of numbers. of a stricter professional education. and of devoting more years of labor to special subjects. But the mental power expended upon the material resources of the United States in the last hundred years is unparalleled in human experience: and when it turns upon the departments of science on which its work

L H Morgan

Rochester Nov. 16th 1876

My dear Sir

My friend A. F. Bandelier of Highland Illinois, who is now spending a few days with me, has brought with him an interesting paper "On the art of war, and the mode of warfare of the Mexicans." The great point of interest in it is the revelation it makes of their social organization. It fills the four ~~sheets~~ pages

Your answer is Mr Bandelier, who is much pleased with my suggestion.

Yours truly

L H. Morgan

Prof. Asa Gray.

Cambridge

of twenty sheets of letter paper, nearly half it which is notes; some of them ~~which~~ are of high value, and nearly all necessary. Mr B. is a German Swiss of birth, and speaks and writes Spanish French & German as well as English. He has the texts of the principal Spanish authors, and is intimately acquainted with the whole literature of our Spanish aboriginal history. I have advised him to send it to you for presentation to the Am. Acad. of Arts & Sciences, to be read, and published in your proceedings. It is a valuable contribution to our aboriginal history. I have corresponded with and known Mr B. personally for three years, and know of no man in the country better or more minutely versed in the entire range of writings upon Spanish America.

As his quotations in the notes from the texts are in the original Spanish ~~in the notes~~. I have advised him to copy his M.S. and insert a translation in the place of the Spanish because so few read the language.

I should be glad to hear from you on this subject, and will communicate

moris

Monsieur

J'envoye à M. Gay quelques espèces d'Anthemis sarder et je profite de l'occasion pour vous faire passer la plante que vous avez mis à part en visitant notre herbier. Je n'oublierai pas de vous adresser les espèces de Sardaigne avec mon second volume sitôt qu'il ait paru : Veuillez en attendant agréer la nouvelle expression de la très haute considération de

Turin ce 9. avril 1840

votre très dévoué serv.
D. Moris

Berkeley Lodge,
West Hill, Putney. S.W.

March 1. 84.

My dear Mr. Dean,

Will you kindly send your sheets as they are marked for press to me, — of course, in a wrapper, and sans phrase — instead of to the printer? It makes easier a small detail in the mechanism of the matter.

Yours sincerely,

John Morley.

Ashland, Mass. 23 Feb. 1880.

My dear Mr Watson

Letter & specimen of Potamogeton received. The fruit is excellent - comes quite near Niagarensis, I should say. I no= tice occasionally a small glandular swelling at base of leaf which brings it decidedly pauciflorus-wards. It seems to be the same as my specns gathered in 1875 near L. Ontario, N.Y. & which Dr Robbins considered intermediate between Niagarensis & pauciflorus. The two evidently run into each other.

I have been lately look= ing over my sets of Colorado and Utah plants collected by Mr Jones, and do not feel satisfied with the naming. I dislike to trouble you with them, as

They number several hundred species & varieties. But really I should like to have them correctly named, & if you can get time to look them through, I will bring them down & leave them with you as long as you choose. As I understand it, Mr J. sends them out as authenticated by you, with the exception of Liliaceae, Cyperaceae, Gramineae & a few other smaller families. So perhaps you would like to see what he regards as sanctioned by your authority. – He writes me that he is just starting for Utah again, expecting to make a larger collection than ever. He means to make of all his plants one large set, & to send them, if he can, over Europe. I do not want him to send wrongly named plants into European collections, and claim known American botanists as authority for the identifications. He places his own name on the labels, however, & only states in circulars who identified the plants.

If I may trouble you with them, please let me know by the enclosed card.

Very cordially yours
Thomas Morong.

Ashland. Mass. 28 Feb. 1880.

My dear Mr Watson

Can you give me the address of Mr Wright, whom I have met several times at the Herbarium in Cambridge? If so, please write it upon the enclosed card.

In commenting upon the sets & determinations of Mr M. E. Jones, it is but fair to him to say that most of his specimens are first class; and that as a collector in not fully developed sections of the country he deserves encouragement & credit. His determinations are often hasty & unreliable, sometimes grossly inaccurate, so far as I can judge, but this seems largely due to the great number of specimens he has gathered, & his haste in getting them off his hands. I do not believe that he stops to examine them very closely himself or compare them

closely with the published descriptions, but relies on others for verification, and then "goes off at half-cock". He sent out Potamogeton pectinatus as P. vaseyi, & claimed Dr Robbins as authority for the identification, when the slightest examination would have shown him the error. He corrected this, however, in subsequent circulars. His absurd statement about the "1200 sheep dying in 4 hours" from eating Melanotrum coccineum, which Mr Meehan laughs at, is a specimen of his way of putting hasty conclusions into type. A little nudge from you will do him no harm. Still, I should recognize the fact that as a collector he is doing good service to botany. The way he fills his published lists with "varieties" & supposed "new" & "unnamed" species - & "new to Colorado", "new to Utah" &c. might be touched up a little, with good effect.

Very cordially yours
Thomas Morong.

Ashland 11 July 1881

My dear Mr Watson

The Potamogeton which you send from California is, I think, P. Niagarensis. Tuck. The back of the fruit is crested & not as fully dentate as in perfect specimens of that species, but corresponds otherwise.

Were it P. obtusifolius, the fruit would be much larger & obliquely obovate, & the leaves bigglandular at base.

The stem is unusually thick & the leaves large for pauciflorus. I should therefore place it with Niagarensis, as long as we retain that as a distinct species.

Much obliged for the specimen, & shall not return it unless you ask for it.

Very cordially yours
Thomas Morong

Ashland, Mass. Feb. 4. 1885

My dear Mr Watson

I am through with the Stel. specimens of Naias, and shall bring them down at the first convenient opportunity. I find among them at least one species that has not hitherto been credited to U.S. viz. N. microdon. Braun. the specimen coll. by Lindheimer in Texas. Quite a number of changes should be made in the labels, which I have ventured only to mark in pencil.

I have just heard that you are soon to take a trip to Guatemala. I am glad that you have the chance, & only wish that I could be of the party. Carry a plenty of quinine, look out carefully for malaria, and don't forget to bring home all the

aquatics you can lay hands on, which I don't imagine, however, will be very abundant in that region. Please give my thanks to Dr Gray for copies of his last contributions to Proc. am. Acad & memorial of Bentham, just received.

Wishing you much pleasure & great botanical success in Central America. I am

very truly yours

Thomas Morong

Morong

Ashland. Mass. Oct. 24. 1885

My dear Mr Watson

The "small kettle of little fish" is at hand, and they have been cooked on my little stove.

The first is Naias microdon Ashr. — the same as the specimen found in 1847 by Lindheimer in Perdinales River, which is near the quarter from which Reverchon's specm comes.

The others are common Potamogetons.

I am obliged to you for sending them along.

I will do what I can with the Nuphars of Lake Champlain & vicinity. I have a big pile of them, if that were enough.

Very truly yours

Thomas Morong.

Ashland, Mass. Jan.y 1, 1886.

My dear Mr Watson

I have rec.d the package which you have been so kind as to send me. One specimen, as you suggest, is Rubbia maritima, but the other, a Naias, I do not now recognize, and shall take time to study.

I have received from Prof. Barbey, of Königsberg, the parcel of which I spoke to you the other day. It came through the Smithsonian Institution. But I see from their printed circular that they do not allow specimens of natural history to go in their boxes on exchange without a special arrangement being made. So that I shall adopt

Dr Gray's suggestion, and send my return parcel to Prof. Caspary through you.

Wishing you a "Happy New Year"

I am very cordially yours

Thomas Morong.

opinion & feelings. I do not consider myself authorized to go on in my own way without your permission. If you object, I shall return the specimens to you, and ask you to work the plant up yourself, notwithstanding the work I have done upon it. A very nice drawing has been made of the flower & leaves by a young lady here, in accordance with Prof. Coulter's expressed wish, & this can go with the description under your determination as well as under mine.

Please let me hear from you.

Very truly yours

Thomas Morong

Ashland, Mass. March 26, '88

Dr Sereno Watson

Dear Sir

Prof. Coulter lately wrote me in regard to the name which I should adopt for the plant collected in Idaho by Dr Sandberg, and this has led me to review the matter fully in my own mind. The conclusion to which I have come compels me to refer it back to you in view of the postal which you recently sent me. I am satisfied that I should adopt the name Castalia - for three reasons: - I care nothing about the name as such, and should much prefer to retain the name Nymphaea, to which I am ac-

customed, but I have no right, even though all botanical literature of late years has done it, to rob the original namer of his just due; and it seems to have been pretty well established by Bull. Bot. Cl. & the Bot. Jour. that Salisbury was the prior namer in this case. It seems to me that both in specific names & generic, the man who first publishes a plant should forever afterwards be recognized as the (literary) owner. I am willing, of course, to follow Bentham & Hooker, & start with Linnaeus as the father of the binomial nomenclature, & to cut off his predecessors to save endless confusion; but the law which seems to have been followed by Dr Gray in his work on the Compositae (see Cirsium, Nabalus, Nardosmia, Rickardsonia, all subbound) seems to me a just & righteous law. That the first post-Linnaean author of a name has a clear title to it for all time.

Now as the plant in question came from you & me, and as I have a great respect for your

Ashland, Mass. Ap. 3. 1888

My dear Mr Watson.

Yours of Mar. 30, with enclosed specimen, came to hand last Saturday & and never found its way into the "Easter" sermon next day!

The plant is Potamogeton spirillus. Tuckerm., one of the distinctions between which & P. hybridus is that its submerged spikes are sessile. I should judge from appearances that it grew in mud, partly or wholly out of water, & hence the rather narrow, elongated coriaceous leaves.

As to Mr Vasey, I signed his report after talking with Mr Britton

— so that there was at least a partial consultation of botanists, tho' of course not just what be intended by the phrase. We thought, as you do, that we would turn it all over to the Ag. Department, as they agreed to to run the thing, & that the report would be considered merely an approval of that method of work.

I shall venture to ask a little favor of you. Knowing your invariable kindness.

Not long ago when I was at the Garden we looked up the authority for Sparganium minimum, & I neglected to take notes as I should have done. It is attributed in my paper to Bauhin & Fries. We found that Fries himself attributed it to Bauhin, & so I took both. But we also found that the species is published in the Flora Danica, & that that is really the first post-Linnean authority for the name. Now may I ask you to give me the vol. & page of the Flora in which it occurs, the date of that publication, & the name of the editor at the time? Mr Beeby declares that Bauhin is entirely out of the question because pre-Linnean, & I wish to show him that ~~Sp~~ Fries is equally so, because not the first post-Linnean authority.

Very cordially yours

Thomas Morong.

credit it.

If you can let me have what I want at reasonable rates, I would bring down with me a can when I come next, and bring it back in hand.

Very truly yours
Thomas Morong

Ashland, Mass. Ap. 20. 1888.

My dear Mr Watson

I did not reply to your notice of receipt of the Typhae from N.York, as I thought I might be down before this. I carried one paper of them accidentally in carrying home those belonging to Columbia, and gave to Britton strict charge to return them to you. I had no idea that I had retained any of your plants until I arrived at N.J. However, as you have obtained them again, it is all right. Can't imagine how they

should have become dog-eared = they were not so when they passed out of my hands.

One object ~~of~~ my present writing is to ask if it would be possible for you to let me purchase alcohol & arsenite acid at the Garden? - I mean as much as I need for poisoning my plants - & occasionally. I am paying $3.00 per gallon for ~~wine~~ alcohol at wholesale, and so much is required, that it is costing me a small fortune. I can't make a gallon go further than from 300 to 400 - possibly 500 - specimens. I have a good many which must be poisoned before I leave home, or I am likely to lose them all.

What ~~do~~ you have to pay for your alcohol? At Columbia, they told me, it is bought in bond, no Government duty being paid on it, and it only costs them 18 cents a gallon! 95 per ct. alcohol at 18 cts per gal.! I could hardly

be left in particles when the water evaporated, as is the case with corrosive sublimate

My chemistry was all left behind at college 40 years ago, I am sorry to say, – at least, in the particulars about which I need ask – and as you doubtless have kept yours all up, I hope you won't make fun of my ignorance.

I trust you have managed to satisfy Dr Vasey in regard to the proposed Bot. Exchange at Washington. I learn that quite a number of botanists are anxious to have one established.

Very cordially yours
Thomas Morong

Ashland, Mass. Ap. 24. 1888.

My dear Mr Watson

I was not aware that you were under oath not to allow a scientific friend to use any of the Garden stock of alcohol. I beg pardon for tempting you unconsciously to commit perjury, and am glad that you had the virtue to resist the temptation.

If I said that the alcohol at Columbia cost only 18 cents per gallon, my pen must have miswritten one of the figures, as I meant 28 cents.

The arsenious (see U.S. Nat=

ional Dispensatory, Ed. 1889)
acid is a form of arsenic which
I am unable to procure at the
druggists here, and I was some=
what curious to know how it
worked. Why not use the
simple mineral itself? It
is that which I wished to learn
about, as much as to procure
alcohol. It is also true
that alcohol to those of us
who are obliged to pay duties
upon the article is enormously
costly, and, in fact, we are
about debarred from its use un=
less possessed of considerable
means.
I shall adopt your suggestion,
and use water hereafter.
But if I do not trouble
you too much by my question,
please tell me if it is anything
more than the common powdered
arsenic, such as all apothecaries
sell. That you employ instead
of corrosive sublimate? Having
for Gray & for Britten both spoken
of "acid". I had got the im=
pression that it was something
different, & in fact "arseni=
ous acid" instead of arsenic.
If that be so, I should not
suppose that there would be any
deposite of arsenic left on the
specimens, whereas the dissolved
arsenic would simply float in
the water or alcohol, & ~~[illegible]~~

New York Feb. 11. 1891

Dr Sereno Watson

Dear Sir.

As you informed me that you had taken a set of my South American plants for the Harvard Bot. Garden, I send along the first set got out, viz. 110 species of Atacama Desert plants. I hope you may find them of interest

Very truly yours
Thomas Morong

New York, Feb. 16 1891

My dear Mr Watson

Yours of the 14th Inst. received.

The few common things in my Atacama set of which you complain were included under the supposition that a good Herbarium, to be of the highest value for reference, should show the range of every species so far as possible. But if you think otherwise, please return such as you do not desire to me, & I will make the difference good now or in future parcels.

Very truly yours

Thomas Morong.

New York, May 11 1891

Dear Dr Watson

I send you by express several parcels of my Paraguay collection of plants. These have all been worked up in our Herbarium, and with the Atacama plants already forwarded probably comprise about 1/3 of the entire South American collection. The remainder, made up mostly of unknown species must be carried to Kew for final determination, which will be done by Dr Britton this summer.

If you discover any errors in the no. of specimens or otherwise, you will confer a favor by letting me know it. Very likely some com=

new species which you do not desire have crept into the collection without my knowledge, as several hands have been concerned in the making up of the sets. In such case, please make the necessary reduction in the amount of remittance.

Enclosed, please find bill for the amount due $22.40 – which if you can remit so that we may receive the money by June 1st will be much to our convenience.

Very truly yours
Thomas Morong

You should have made the deduction, as I requested, and which I expected would be done. So many hands are at work here just now getting up our sets, that we are very liable to make mistakes.

Very truly yours

T. M.

169 Mt. Prospect Ave
Newark, N. J., June 7, 1891

Dear Dr. Watson:—

I sent you today, by express, a package containing 145 specimens of Mr. Bang's Bolivian plants, the first of his collecting thus far. Except for those which have gone into the hands of specialists, they are mostly generically determined. Continued sickness in my family keeps me at home, but Dr. Britton will determine the known species at Kew, and I will complete the work upon his return. Several hundred specimens are expected to follow in a few weeks.

Trusting that you may find the specimens all that you could desire,

Very truly yours
H. H. Rusby.

169 Mt. Prospect Ave
Newark, N. J., July 13, 1891

Dear Doctor:—

Please accept my thanks for your favor of the 6th with enclosure of check for $13.90. Your reckoning is satisfactory to me if it is to you. It is rather a difficult matter to get so many acts accurately counted, but I should prefer the error not to be in my favor, and will endeavor to see that a sufficient margin for error is kept on future occasions.

Very truly yours
H. H. Rusby.

But the specimens are, more than "fair"! They are exceptionally good for typical specimens!

$$\begin{array}{r} 23 \\ 1 \\ 2 \\ 33 \\ \hline 46 \end{array}$$

Herbarium Columbia College
New York July 11. 1891

My dear Mr Watson

You cannot, of course, refer to my "Z. var (?) latifolia." Bull. Torr. Bot. Club, vol. 13. p. 160 – as one of the Zosteras from the Western Coast? With this exception I have received no other from that quarter, & have no design of publishing anything on the subject. The field is wide open for you, so far as I am concerned, & I shall heartily welcome the introduction of any new species

Very truly yours
Thomas Morong.

COLUMBIA COLLEGE HERBARIUM

New York July 17 1891

Dear Dr Watson

Yours of the 14th at hand, I was too busy to reply at once. I have examined the testa of Zostera seed enclosed in your letter, and cannot see that I made any mistake in saying of the specimens "ribs about 25". I spoke somewhat loosely in using the term "fruit" when seeds were meant. My lens, which I ordinarily use (a triplet of the late Mr Tolles) is a very strong one, & perhaps in describing objects seen with it, I should modify statements for common descriptions, but it shows these ribs very plainly on your specimen. They are still more apparent when held up to the light. The transverse striolae of which you speak

are also to be found in the common eastern form. This, perhaps, should be called a distinct species, and you will see from my using the expression "var. (?)" that I was strongly inclined to consider it such. Still, I could not quite make up my mind that magnitude alone is sufficient ground for specific distinction. However, I shall not quarrel with you if you should decide to erect it into a species.

Yes, Dr Rusby is here. I think I heard him speak of having received a letter from you recently, but he has had a great family affliction in the death of his child very lately, and that may have led him to forget to answer you.

Very cordially yours
Thomas Morong.

COLUMBIA COLLEGE HERBARIUM

New York, October 19 1891

My dear Mr Watson

We have received the parcel of plants just sent by you. Thanks for the determination of the Herbarium species, & for the addition of things which we need & are glad to get. We will make a return in good time. Please inform Mr Fernald that I received the envelopes, and am much obliged.

Very truly yours

Thomas Morong.

C. D. Morris

282 Fourth Avenue
New York
March 2. 1857

My dear Sir

Before telling you the reason of my writing to you, I must ask your pardon for presuming upon the kindness you showed me when at Boston, so far as to trouble you with any of my concerns. I do not know whether you are aware that for the past three years I have been engaged in teaching here; I have been very much favoured, and have met with a great deal more success than I anticipated. But as I am dissatisfied with the arrangement of times &c, inseparable from a day school, I have determined to move to the country. I have pitched upon Brattleboro Vt. as the place where I shall establish myself I as that lies Boston-wards, I am desirous of getting permission to add

to the list of New York references I can print in my circular some few Boston ones, that I may not be without sponsors in case I am in the way of getting pupils from your neighbourhood. I therefore write to ask you, if you will kindly allow me the privilege of referring to you among others: and to fortify you somewhat in undertaking this responsibility, I beg leave to inclose you one of my old circulars, which contains one or two of the Oxford testimonials I brought with me.

Pray give my Compliments to Mrs Gray
And believe me my dear Sir
very faithfully yours
Charles D. Morris

A. Gray Esq
&c &c

Dr Morris

11 Brunswick Villas

Kew. 17th Jany '87

My dear Professor Gray.

Now we are settled down once more at home we are beginning to get together a few cherished things and among them some portraits. Sir Joseph Hooker has just given us one of his which we deeply value: and although during our stay in the New World we had only the pleasure of meeting once, I

hope you will be kind enough to let us have one of your portraits to place side by side with that of Sir Joseph Hooker.

We find the English winter a severe change after ten years in the tropics but so far we have not suffered in health.

We are very glad to be settled at Kew and to be again in touch with the doings at the head quarters of English Botany.

Will you kindly present our good wishes and esteem to Mr. Gray whom we trust is quite well and, Believe me,

very sincerely yours

D. Morris.

Professor Asa Gray M.D., L.L.D.
&c &c &c
Harvard. U.S.A.,

5th Jany 1888

My Dear Sir,

We have not yet received the plants mentioned on enclosed card.

With all good wishes for the new year.

Very sincerely yours

D. Morris.

Assistant Director

Sereno Watson Esq.

ROYAL GARDENS KEW
DIRECTOR

19 July 1890

My Dear Sir,

We are in receipt of your letter of the 3rd inst.

Mr Dyer is away for his annual leave just now and I do not expect him back until the middle of next month.

I find we have already put forward a payment to Pringle for his plants received

this spring and no
doubt the order for payment
has already reached him.
Under these circumstances
they will be entered in our
books as being obtained by
purchase and your kind
intention to present them to
the Kew Herbarium will I fear
now pass through.

The Keeper of the Library

Mr Hemsley is also away just
now but on his return shortly
I shall ask him to be good
enough to draw up a short
Memorandum in reply to your
inquiry about the arrangement
and classification of our
books. This Memorandum
shall be sent on immediately.

With kind wishes
very sincerely yours
D. Morris.
Assistant Director

Dr Sereno Watson.

I am not calculated to cheer any body much, just now; but I will take a fine day soon, and try what I can do for him in that way; perhaps on his birthday, which is near.

Very truly & cordially
Your obliged friend
Elizabeth C. Morris.

Why is the pretty Helleborus hyemalis received a new name? I have this year no opportunity to examine the fruits but there seems ~~but~~ little difference in the flowers of this and the viridis. I have both in cultivation, but like every thing else in the garden, bad management has nearly destroyed both — they have not flowered this spring

E. Morris

Germantown
April 18th 1853.

Dear Sir,

Your note of 22d March was very welcome: I am always so glad to receive such tokens of kind remembrance to have time to feel surprise at their not being more frequent. I am truly sorry to learn that Mrs Gray is not strong. I had hoped that her visit to Europe had fully reestablished her health — pray make my kindest regards to her.

The 2d pt. of Plantæ Wrightianæ reached me many weeks ago, when I had neither time nor strength to write: but not the less am I obliged for the valuable gift, which I now, thus tardily thank you for. Our collectors find plenty of work for you — but how strange to find nearly one half of each collection, composed of the

Compositae - will the Family never come to an end? I am charmed with the idea of your publishing the unpublished correspondence of Linn and Jussieu. What we have of Linnaeus is a pleasant chapter in the life of a great man; and what we know of Jussieu is just enough to whet the appetite for more. Thank you for trusting me with the scent: if it should be done, and published by subscription, please put me down for a copy.

My terrible illness in the Summer of 1851, from the effects of which I have never recovered, combined with severe affliction - the loss of my only brother some months ago; and now the death of my beloved mother - have deprived me of the strength, as almost of the wish to attend personally to the garden - Yet when the weather permits, I make a point of going into it, and am always better in mind & body after an hours work in the fresh air.

Last summer when I was permitted to walk, I made daily discoveries of the loss of rare and valuable plants, through the unusual severity of the winter, and the neglect & ignorance of the gardener, falsely so called: for instance my mezereon, (not common here) was potted for house care; & a fine six years old Ardisia crinita was left out in its sunk pot - the mercury at zero!

Many of them I cannot replace; but others, that I was indebted to your kindness for, I may dare to hope may gladden my eyes again - and will therefore enclose a list of some that are lost, and a few desiderata.

I have just received the new Edition of Flora Cestrica, but have not yet taken time to open the parcel containing it - Dr Darlington writes as if much depressed in spirits; he seems to feel, & to dread the advances of old age.

E C Morris

Germantown July 16th 1859.

Dear Dr Gray,

Your College duties are, or soon will be over for some time, and I dare intrude upon your leisure, to answer your last kind letter and give you perhaps, some trouble: that letter with its little budget of interesting matter I did not thank you for sooner, because I knew how unremitting your engagements are, and also because I could not rather say anything definite about Fendler's ferns. Now I ask you to send to me the set containing 55 species, if it is still on hand — for which I enclose a note for $5: and 50 cents in stamps. Should there be any discount on the note, which I do

you laid for enjoying the vacation? combining health with pleasure, I trust you will find both. Is there any chance of persuading you both to come this way? it would make us very happy to have you with us — we have no visitors this summer, & plenty of room.

I have lately had a right cheery letter from our good old friend Dr Lathington, promising me a visit soon — hope he will come.

Give my kindest love to Mrs Gray and believe me sincerely and gratefully your friend

E C Morris.

Peter M. is gone home or would send regards to both of you.

What is "the something about the distribution of plants, that you will have for me soon"?

not apprehend, please let me know, & I will pay it in stamps.
Send by Adam's Express, to the care of Mr. T. P. James, and apprise me of it by mail, & I will send for it immediately. Where is Mr Fendler and what is he doing? As he has not answered my last letter, I infer that it has not reached him, and will write again before very long: he has been so grateful for my former missives, that I suppose anything from the civilized world is welcome in that distant land.

I have been busy with my herbarium lately — it has long been neglected and stowed away in a garret — owing to frequent indisposition & many engagements — it was not in so bad a state as I feared, though the worms had been busy. I am much surprised, and delighted too to find how many of our native species I have. Of the ferns described in your Manual, I have all but about a dozen species & some good varieties, of which desiderata I will enclose a list; and if you can help me to any of them I shall be grateful, & too happy. Of those from the Southern States I have not any. I hope the little Polonia Tovar will escape the horrors of the present insurrection in Venezuela — Our friends in Caracas write fearful accounts — the blacks against the whites; man to man — neither age nor sex spared: the white skin is marked for slaughter!

The season brings vividly before me my pleasant visit to you some years ago — the thought always fills me with grateful & loving feelings. How is dear Mrs Gray, & what plans have

GOODS SHIPPED TO ALL PARTS AT LOWEST RATES.

From

WATSON & SCULL,

HORTICULTURAL AND

GENERAL FORWARDING AGENTS,

TO AUSTRALIA, NEW ZEALAND, INDIA, AND ALL PARTS OF THE WORLD.

90, LOWER THAMES STREET, E.C.

London, 8 Sept 1890

To Jerens Watson Esq

Cambridge

Dear Sir

We have the pleasure to forward you this — the Morris European Express One Case Dried plants marked No 11 H.U.C received from Dr Regel of St Petersburgh which we trust will reach safely

Freight & charges amounting to 18/9 we have collected forward as usual.

Always at your service —

We remain

Yours truly

Watson & Scull

When ordering or sending goods to Europe we should be glad if you would consign to our care we assure you of any attention

SERENO WATSON,
Curator.

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Sept. 22d 1890

Morris Em. & Am. Express Co.
New York
Dear Sirs,

On my return from a short vacation I find yours of 15th inst., announcing receipt of a case of dried plants from London.

They were sent without invoice, a gift from the Imperial Botanic Garden, St. Petersburg, to this Herbarium, and are duty free. I enclose Dr. Regel's letter respecting shipment & contents, which please return.

Please forward by Express, with

title of charges, & oblig[illegible]

Gen. very [illegible]

[illegible]

Turk[2].	194
Sib. Or.	112
Brasil	78
Jap. Cr	251
Mongol.	232
	867

L. W. MORRIS, President. W. O. HEMPSTEAD, 1st Vice-President. A. B. de FRECE, 2d Vice-President, Auditor and Managing Director. FRANK KRONFELD, Treasurer. WM. J. MORRIS, Secretary.

ESTABLISHED 1858.

MORRIS EUROPEAN AND AMERICAN EXPRESS COMPANY LIMITED

P. O. Box 3762.

OFFICE OF

The Morris European and American Express Co., Ltd.

CUSTOM HOUSE BROKERS AND FORWARDING AGENTS.

GENERAL FOREIGN AGENCY BUSINESS

18 & 20 BROADWAY, N. Y.

LONDON—Geo. W. Wheatley & Co., Globe Foreign Express, 10 Queen St., Cheapside, E. C., and 23 Regent St., West End, and at LIVERPOOL, 10 North John St.

PARIS—Michell & Kimbel, 31 Place du Marche St. Honore, near Avenue de l'Opera.

And Agents in Every Important Place of Europe.

REFER TO 172/1

New York, Octob 6 1870

Sereno Watson, Esq

Botanic Garden

Cambridge Mass

Dear Sir: In reply to your favor of Oct 3 —

Your gds advised to arrive by "Egyptian Monarch" but were not found on Board they will probably arrive on next Steamer due in less than a week, when we will duly advise you again

Very truly Yours

[signature]

THE MORRIS EUROPEAN AND AMERICAN EXPRESS CO. LTD.

ESTABLISHED 1858. P. O. BOX 3762.

Morris European and American Express Co., Ltd,

And Custom House Brokers.

Dear Sir:- In reply to your favor of 23rd please note - your Pkge did not arrive p. Egyptian Monarch & the S.S. Co. has upon our request written to their agts to learn what has become of the Pckge. As soon as we hear anything new we will communicate with you

Very truly Yours

The Morris American and European Express Co.

18 & 20 BROADWAY.

NEW YORK, Oct 24 1890

UNITED STATES

POSTAL CARD.

ONE CENT

NOTHING BUT THE ADDRESS TO BE ON THIS SIDE.

NEW YORK
00.25
10 AM
P

Prime Watson, Esq
Curator
Herbarium of Harvard University
Cambridge, Mass

BOSTON
6-17-89
PM

SHIPPING AGENTS

WATSON & SCULL,

90, LOWER W&S. THAMES ST.,

LONDON.

Horticultural and General

To all Parts of the World.

SPECIAL CARE GIVEN TO PLANTS, SEEDS, AND BOTANICAL SPECIMENS

LONDON, 14 Nov 1890

Jerem Watson Esq.
Herbarium of Harvard University
Botanic Gardens. Cambridge Ass
Dear Sir

We are surprised to hear that the Case we shipped to you from Dr Regel St Petersburg & Egyptian Monarch has not reached, we have made enquiries & it was certainly shipped from here by this vessel, we have told the Morris European & Express Co of New York to claim the value, so kindly estimate what you consider the value and let them know the amount as the Steam Company is bound to satisfy the B/Ldg by finding the Case or paying the value; we regret the trouble caused but which is from no fault of ours.

We tender you our services at all times for any goods you may be having from this County or Colonies

We remain
Dear Sir,
Yours truly
Watson & Scull

L. W. MORRIS, President. W. O. HEMPSTEAD, 1st Vice-President. A. B. DE FRECE, 2d Vice-President, Auditor and Managing Director. FRANK KRONFELD, Treasurer. WM. J. MORRIS, Secretary.

ESTABLISHED 1858.

OFFICE OF

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Custom House Brokers and Forwarding Agents.

General Foreign Agency Business.

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PARIS—Michell & Kimbel, 31 Place du Marche St. Honore, near Avenue de l'Opera.

And Agents in Every Important Place of Europe.

P. O. Box 3762.

New York, Nov 24 1890

Jerem Watson, Esq
Fortune Garden
Cambridge Mass

Dear Sir:—

In reply to your favor of 22 - we beg to state that we have written to Shippers & expect an answer from them, explaining the delay — in abt 2 weeks, when we shall duly advise you of all the circumstances resp. prospects of getting the Goods.

Believe us, Dear Sir
Yours very truly

L. W. MORRIS, PRESIDENT. W. O. HEMPSTEAD, 1ST VICE-PRESIDENT. A. B. DE FRECE, 2D VICE-PRESIDENT, AUDITOR AND MANAGING DIRECTOR. FRANK KRONFELD, TREASURER. WM. J. MORRIS, SECRETARY.

ESTABLISHED 1858.

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PARIS—MICHELL & KIMBEL, 31 Place du Marche St. Honore, near Avenue de l'Opera.
AND AGENTS IN EVERY IMPORTANT PLACE OF EUROPE.

P. O. BOX 3762.

REFER TO

New York, Nov 26 1890

Sereno Watson Esq
Curator of the Herbarium
Harvard University
Cambridge Mass

Dear Sir

~~In reply to your favor of~~

Shipper in England of the case dried plants deposited to arrive here per Egyptian Monarch Sept 10 — wrote that the S S — C — there has no trace of what has become of the whole shipment.

Kindly state entire value of the case & oblige

Yours very truly

L. W. Morris, PRESIDENT. W. O. Hempstead, 1st VICE-PRESIDENT. A. B. de Frece, 2d VICE-PRESIDENT. Frank Kronfeld, TREASURER. Wm. J. Morris SECRETARY.

ESTABLISHED 1858.

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Havre:
E. SCHLOSSER.
MICHELL & KIMBEL.

Hamburg:
P. LEHRS.
WULKOW & CORNELSEN.
M. O. W. MOLLER.

Bremen:
H. BECKER.
LEHMANN & CO.
KARESCH & STOTSKY.

Rotterdam:
NETHERLANDS-AMERICAN STEAM NAVIGATION CO.
PARIS BROTHERS.

Antwerp:
RICHARD BERNS.

Rome:
ALFRED LEMON & CO.

Florence:
ALFRED LEMON & CO.

Leghorn:
ALFRED LEMON & CO.

Venice:
FISCHER & RECHSTEINER.

Milan:
GONDRAND FRÈRES.

AND
CORRESPONDENTS IN EVERY LARGE PLACE OF THE GLOBE.

New York, January 2nd 1891.

Sereno Watson, Esq.

Herbarium of Harvard University.

Cambridge. Mass.

Dear Sir:-

In reply to your favor of Dec. 31st, we beg to inform you that we have made claim of the Mess. Henderson Bros., Agents, regarding the missing goods of Mess. Watson & Scull, London which were to arrive per S.S. "EGYPTIAN MONARCH", but did not arrive, and are requested by them to wait until they have investigated the matter in Europe.

This is all the information we are able to give you at present.

Very truly yours
THE MORRIS EUROPEAN & AMERICAN EXPRESS CO. LTD.
L. W. Morris
Presd't.

L. W. Morris, President. W. O. Hempstead, 1st Vice-President. A. B. de Frece, 2d Vice-President. Frank Kronfeld, Treasurer. Wm. J. Morris, Secretary.

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FRATELLI WEISS.

Milan:
GONDRAND FRÈRES.

AND
CORRESPONDENTS
IN EVERY LARGE PLACE
OF THE GLOBE.

New York, January 30th 1891

Prof. Sereno Watson,

Botanic Gardens,

Cambridge, Mass.

Dear Sir:-

We have to thank MR. W. A. Manda, of Short Hills, N. J., for your address, and we beg to inform you that we have on hand three cases of Dried Specimens of Australian Ferns, for which or part of which Mr. Manda thinks you may be a purchaser.

We shall be glad to hear from you on the subject.

The Ferns may be seen at our Office, any time you may call .

Very truly yours

L. W. Morris Presd't.

Enclosure.

P.S. We beg to enclose our Prospectus and shall be pleased if you will kindly bear this Company in mind when you have to send to or receive any packages from Foreign Parts. Agent for this Company at Boston is E. A. Snow, 42 Summer St.

Morris

January 30th [illegible]

Prof. [illegible],

[illegible],

Cambridge, Mass.

Dear Sir:-

We have to thank Mr. W. A. [illegible], of

Short Hills, N. J., for your address, [illegible]

[illegible]

[illegible]

We shall be glad to hear from you on [illegible]

[illegible].

The Ferns may be seen at our Office, and [illegible]

[illegible]

Very truly yours

Pres't.

Enclosure.

P.S. [illegible] our Prospectus and shall be [illegible]
[illegible] this Company [illegible]
have in mind to or receive any packages from [illegible]
Party. Agent for this Company at Boston is
[illegible], [illegible] St.

L. W. Morris, PRESIDENT. W. O. Hempstead, 1st VICE-PRESIDENT. A. B. de Frece, 2d VICE-PRESIDENT. Frank Kronfeld, TREASURER. Wm. J. Morris, SECRETARY.

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FRATELLI WEISS.

Milan:
GONDRAND FRÈRES.

AND
CORRESPONDENTS IN EVERY LARGE PLACE OF THE GLOBE.

New York, February 2nd 1891

Sereno Watson, Esq.

Batonic Garden.

Cambridge, Mass.

Dear Sir:-

In reply to your favor of the 31st, Re Australian Dried Ferns, please note:- that we know nothing whatever regarding the Collector, nor in what part of Australia collected, nor as to the number of Specimens contained in the cases.

There are three large cases each of which contains several hundred ferns, but whether all are different specimens, we can not judge of; some of them are named, others not.

Regarding the Lost Plants, the S. S. Company wants a sworn statement as to value, and we have written to Mess. Watson & Scull, of London, the Shippers, to send it.

We will hasten the adjustment all we can.

Very truly yours
THE MO... CO. L'D.
L. W. Morris Presd't.

Morris Exp Co
Etc

Letters concerning
[illegible] Russia

L. W. MORRIS, President. W. O. HEMPSTEAD, 1st Vice-President. A. B. de FRECE, 2d Vice-President, Auditor and Managing Director. FRANK KRONFELD, Treasurer. WM. J. MORRIS, Secretary.

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And Agents in Every Important Place of Europe.

P. O. Box 3762.

REFER TO

New York, Mch 31 1891

Sereno Watson Esq
Curator Herbarium
Harvard University
Cambridge Mass

Dear Sir:-

In reply to your favor of 30

we would say, that we have not received as yet the Statement. The Steamship Comp. want the Shippers Certificates & no doubt it is taking the Shippers some time to procure them of the parties sending the goods.

As soon as we learn of any new phase in the matter we will notify you & remain

Yours very respectfully

[illegible]

SHIPPING AGENTS

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90, LOWER W&S. THAMES ST.,

LONDON.

Horticultural and General

To all Parts of the World.

SPECIAL CARE GIVEN TO PLANTS, SEEDS, AND BOTANICAL SPECIMENS.

LONDON, 25 May 1891

Sereno Watson Esq
Herbarium of Harvard University
Botanic Garden, Cambridge Mass

Dear Sir.

Your favor of 13 Inst to hand we have written to Dr E Regel of St Petersburg to send us Crown Service of the Case Specimens forwarded you in Sept last & which the Wilson Steam Co failed to deliver; directly we receive it we will post it to the Morris Express Co for them to obtain settlement of the claim; we regret the Steam Co should have required all this and caused so much trouble as they ought to have deemed your value just.

Always at your service we remain
Dear Sir
Yours Truly
Watson & Scull

June 3/91

I, Sereno Watson, Curator of the Herbarium of Harvard University, do hereby certify under oath that a case of dried plants ~~[illegible]~~ shipped by Watson & Scull of London per steamship "Egyptian Monarch" in Sept. 1890, ~~[illegible]~~ contained to the best of my knowledge & belief as follows —

Turkestan plants —	194	specimens	
East Siberian "	112	"	
Japanese "	251	"	
Mongolian "	232	"	
Brazilian "	78	"	
	867	"	

with a valuation at $10 per hundred amounting to $86.70

I farther testify that during the past year I have purchased and paid for 3443 Chinese plants at 40¢ per hundred, 334 S. American plants at $10 per hundred, and 2000 N. American plants at the same rate, and that the above valuation upon the plants in question is fair & reasonable.

things amongst the Mountain Flora, it passes my comprehension that no attempt is made to collect them. Many a farmer there could add to his income by collecting seeds, if he possessed a knowledge of Botany.

I am wanting a little seed of Sabbatia chloroides. My dear friend Dr Gray used sometimes to send it to me from the New Jersey swamps. Among other desiderata are G. angularis, Gentiana saponaria, G. ochroleuca, Asclepias nivea, A. pauperula, A. quadrifolia, Lobelia amœna, Lithospermum hirtum, and L. canescens.

I have often wondered how it is that there is no central botanic garden in U.S., where the indigenous plants of your vast continent are not brought together, as many as possible. If an appeal were made to your wealthy citizens for funds it would be responded to I imagine. But I must not trespass on your time at greater length.

L. W. Morris, President. W. O. Hempstead, 1st Vice-President. A. B. de Frece, 2d Vice-President. Frank Kronfeld, Treasurer. Wm. J. Morris, Secretary.

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GONDRAND FRÉRES.

AND
CORRESPONDENTS
IN EVERY LARGE PLACE
OF THE GLOBE.

New York, June 5 1891

Sereno Watson, Esq
Herb^m Harvard University
Cambridge Mass

Dear Sir -

Replying to your of 3 we duly note contents & have forwarded your claim to the Agts in other side to whom we again apply this day.

As to your remark or prospects opened to us, - of commencing suit agst our Company - please note - that while we regret to see you trouble yourself to any such extent - we cannot see any way of helping it or in any way influence your own free will or disposition. -

Very respectfully

THE MORRIS EURN & AMN [illegible]

No. 1713.

Established 1858.

L, W. MORRIS, Pres't.

P. O. Box 3762.

OFFICE OF THE

Morris European and American Express Company, Ltd.

—AND—

GENERAL FOREIGN AGENCY,

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And Agents in Every Important Place of Europe.

New York, June 29 1891

Sereno Watson, Esq
Curator of the Herbarium
Harvard University
Cambridge, Mass

Dear Sir-

The Steam Ship Co. advise us now upon certified claim made on them for your lost case of plants ex. Egyptian Monarch, hope that they intend to write to their agents in Europe in order to ascertain whether the plants cannot be replaced.-

You will therefore understand that we will have to wait until they can get a reply from the other side, but may assure you that we do not lose sight of the matter.

Very respectfully

W. L. Morris

Morrow, Jas — Pac. Exp. under Perry

Bordeaux P.O. Abbeville Dist. So. Ca.
May 5th 1855

My dear Dr. Gray —

You may be surprized to learn that Comd. Perry has enquired of me, what I had done with those dried plants, which I haught from Japan, when you remember the account he gave you of them soon after his arrival in the United States. "The Comd." enquires what has been done with the plants collected by yourself & Dr. Williams in Japan & placed between sheets of paper & which were put in your charge before leaving China, as he is anxious to have them examined & classified by a Botanist in order to engross the report upon them in his Book." I copy this to enable me to explain to you fully my position, & to show you the advantage that is attempted to be taken. Now Dr. Williams who was Interpreter to the Expedition did assist me most materially in the

arrangements of these plants, & when he could get leisure on Saturdays from his most arduous duties, he always went with me, to collect plants (you know his fondness for Botany). And when Com^e Perry ordered me to put my plants in the Yeomans Store room in the very bow of the Ships, below the water line & in the most damp & the darkest part of the ship, & always filled with the idle but privileged portion of the Ships company, & to keep them there, & work with them there, because I was in the way of his picture makers, & because my press 14 inches square took up too much room Dr Williams kindly invited me into his room, con=tracted as it was, to work there, & gave me the privilege of keeping them there rather than that they should be distroyed. Though I may have collected nine tenths of the plants in the fields & forests more than one half the value attached to them, must be ascribed to Dr Williams. You understand me, for you have doubtless observed in many instances his care & patience, in placing properly leaves, & flowers before pressing, for this I am willing & anxious as I told you that Dr Williams should have the credit, but Dr Williams never thought of these plants being taken from me, because he assisted me with them

He knew that if Com^e Perry had collected these fourths of them himself & his Navy Officers the other fourth that the Government would look to me for the delivery of these plants & a report on them because he had seen my letters of instruction, in which I was ordered to collect plants & report on them & deliver the report with my journal to the Secretary of State, on my return. Com^e Perry knew this, but he thinks any thing brought on board a man of war belongs to the Navy, I do not make this point with him. The Secretary of State refused to change my letters of instruction at his request & I have tried to obey them as given to me, I was made a Depart^t of State Officer & continued so. —— These plants were not "put in my charge before leaving China", & not a word was said or written to me about them, because they had never been out of my charge for a moment from the day that I plucked them, till I had the pleasure of delivering them into your care, which pleasure I had anticipated many a time while collecting them. I did not deliver the plants to the Honble the Secretary of State or not to the Secretary of the Interior, (with whom I have some sort of connection, which I do not understand,) nor to the Com. of Patents, but I told each of them that I would deliver them to you for classification which I would hope to report to the Secretary of State when you had done it, & which I still hope to do

But what I fear is that Com^r Perry will make an effect through the Secretary of the Navy, to get an order from the Secretary of State, to get these plants & give them to a Botanist to make a great noise & to do about them or that he will try to get the report of them from you, so that I cannot get them or the great advantage that I will have in incorporating the report in my Journal to assist me in procuring my salary. Com^r Perry has already got his $25.000, & his pay, but before getting it lent his influence to prevent me from getting any. I do not deny but that the report on these flowers should be engrossed in the Com^rs Book, but it would seem that the former Secretary of State, had intended otherwise, & now it is certainly my advantage that they should not be, at least until I have handed it to the Secretary of State, — I have conferred with one of our Members of Congress on this subject. He directed me to write to you immediately requesting you to retain the report for me no matter who asked you for it, as my right & I think the Secretary of State would not give any orders about them except through myself as that is their way of doing business. The Secretary of the Navy has nothing to do with them as the State Department paid my expenses. I wrote to Com^r Perry telling him that I had already given the plants to a Botanist, but did not tell him who, that I hoped to incorporate the report on them in my poorly kept journal to give to the Secretary of State, but that I had a few plants collected by Dr. Wilson of the Navy, in Tuscheu & China, which might be said to have been placed in my charge that I had offered them to a Botanist as (I did to you) who did not want them, that I would send him them if so requested. — Please write to me soon & tell me if you have heard any thing of the matter? How soon will you finish the work? What did the Mineralogist say about the Specimen of iron ore? I am Dear Sir with the greatest regard & esteem

Prof. Asa Gray M.D.

Your Sincerely
Jas. Morrow

Bordeaux P. O. Abbeville Dist. So Ca
June 8th 1850

My Dear Sir,

On the afternoon of the 5th Inst. after I had mailed a letter to you, your kind form came to hand

I must beg you to feel assured that I did not run off from Washington with the dried plants during the sickness of Com. Perry, for I was subject to the orders of no one but the Secretary of State, & I reported to him my intention to deliver the plants into your hands, as the only Botanist in America capable of doing justice to them & as I understood him, he gave his hearty approval. I told him that the report on them would be delivered to him as soon as you had completed it, together with my journal.

When I asked him what disposition would be made of the Specimens that you returned with the report

he referred me to the Secretary of the Interior, as he did in other instances to get instructions about the details of my business. (sometimes he referred me to the Comr. of Public Buildings) & the Secretary of the Interior referred me to the Comr. of Patents, from whom I procured an order to deliver the plants to you so that I could get my travelling expenses refunded. So you perceive that I have not delivered these plants to any officer of Government, but have reported the fact of having them or the disposition that I would make of them for the time. I am still responsible to the Secy of State for them & a full report on them. This he will expect to be made by yourself & I must beg you to go on with the work as you had intended, for the plants & every thing brought home by myself are still retained by the Department of State, so far as I have been advised. The permission which I had was equivalent to an order, except that the responsibility rested on me, & the Departments were not liable for any expenses which might be incurred in their examination. This matter you know was understood by all parties. I had collected the plants for you. The parts pressed & their arrangement was of the very

style, as near as I could learn it. The Algæ were for Prof. Harvey's examination & put up as well as I could after the manner that he taught me some years ago. I had hoped I was working for the advancement of Science & the gratification of Scientific men, who could not go to Japan & I still hope that whatever of scientific interest there may be in the collection, will be brought out by yourself & no one else. In my opinion, the Department of State does not revoke orders for light reasons, or to gratify whims, nor does it change its policy often, so I beg you not to feel embarrassed in the least, but to go on with the work & when you do have occasion to deliver up the portion of the plants you intend for government, either deliver them to me, or to the Smithsonian Institute, the only receptacle that I know of, that is recognized by Government for scientific specimens. —

If either of the Secretaries should communicate with you in reference to giving up the plants, please send them my letters & await their answer. I hope you have not parted with the plants before you receive this, if so I must try to get them back to you, as justice to you as well as myself.

With great regard & esteem —

Yours truly & warmly
Joel Morrison

Prof. Gray, Cambridge

Bordeaux P.O. Abbeville Dist. So. Ca
Oct. 7th 1855

My dear Professor Gray,

On arriving at home this morning from Columbia where I had been called for two days on business, I found your kind favor of the 16th ult. awaiting me. I feel sorry that my absence should have caused a delay, and hasten now to reply.

I must feel greatly indebted to Dr. Berg for the distinguished honour he has conferred on me, in naming one species of the Carices for me. Do express to him for me, my warmest thanks, & I beg you at the same time to inform him of my great unworthiness, for I cannot claim even a limited knowledge of any branch of Natural History, but only a sympathy for those engaged in studies so important & interesting. I hope you

will not all forget our kind friend Dr. S. Wells Williams, who is so fond of Botany & knows so much of it, & who so kindly assisted me & instructed me in the collection & preservation of the plants brought from Japan. He was particularly interested in those very Cancers of which you speak. —

In reference to the publication of the description &c. in the appendix to Comd. Perry's Book, I am sorry to have to say to you that I could not give my consent to you, to send any part of the Man. to Comd. Perry for any purpose.

I remarked to you in one of my letters if I remember distinctly, that the your discription of these plants ought to be in Comd. Perry's work, but I will add, with full credit distinctly ascribed to every one engaged in the collection preservation & discription Past experience & the universal testimony of others teaches us, that we have no right to expect any such course of action. Thus much in candor & confidence. But if I was ever so much inclined to see your work as a part of the appendix of that work I have not the right to say that it may be put there, Every thing that I brought home was taken in charge at once by the State Department & the Navy Department, or Com. Perry: were never once named except in one instance to demand in a very presumptuous manner, that the Navy Department in N. York, should forward a certain box of my collections to the State Department at Washington. I quote a few lines from my letters of instruction, that you may understand my position, "and you will carefully note & collect all indigenous vegitable products within your sphere of operations, with a view to their introduction into the United States, preserving seed & dried specimens of as many plants as possible — You will keep a full & accurate journal of your proceedings & operations, which on your return will be delivered by you to this Department." This last clause Com. Perry informed me he had written to the Department to have changed as contrary to all rule & precedent, but the request was not granted, as I have not been informed of it. — I feel by the sorry that you should have been involved in this difficulty; however with your cool & collected way of doing business I hope it will not be serious. —

I have nothing to do with the Department of the Interior, except as I have distinct & separate orders from the Department of State to communicate with it.

so I must beg you to repeat as you suggest to me the readiness of the manuscript, at your leisure up to the 15th or 20th of Jany. next when I must beg to be in Washington with my Journal, & the discription of the plants & other papers ready to be presented by myself to the Secretary of State, to be done with by him as he may think best.

If it should prove necessary for you to let them be removed from your keeping, I would much prefer that you would enclose them to me, in the care of Prof. Baird at the Smithsonian, where I must hope they will find their way some day. I shall certainly request at the State Department that the specimens you may furnish with the discription shall be sent there.

If you write me before the 18th Inst. please address to Abbeville Court House So. Ca. -- after the 18th Inst. to the care of Jas. Adger & Co. Charleston So. Ca. After the 10th Jany. to Washington D.C. I am busily engaged in the settlement of an Estate which requires me to move about more than I wish. If I go to New-Bedford map, which is not improbable, late in Jany, I will be able to pass through Boston, where I shall hope to see you.

Yours very truly & sincerely

Jas. Moore

Prof. Gray

Cambridge

Gilmor House .... Monument Square,

J. MILDEBERGER SMITH, Proprietor.

Baltimore Feby. 29th 1856

My dear Prof: Gray,

I reached Washington safely two days ago, & believe that now every thing is ready for me to deliver my Journal to the Secretary of State, except to affix your report on the dried plants. If you have this ready I would be much obliged to you to send it to me as early as possible next week. One of our Members told me this morning that he would call on the Secretary of State as soon as it was delivered for it to have it published. This I had not anticipated nor did I write the journal with that view, than for if a library friend, whom I am at present in Baltimore to consult does not find serious objections, I shall not, of course your report will be published with it, if it is published. I must beg you to affix your name to the report in its proper place, as well as that of those you may choose

proper of your Co-Laborers. —

I hope you have had no more applications from Genl. Perry – I learned to-day that he had probably made no applications to the State Department for any thing that I was connected with, & perhaps never will. If I had given either the plants or your description I have reason to believe that I might have been made responsible, though I hope it would not have amounted to much. Now I must deliver them myself. I have some little prospect now of being paid my Salary before long, when, if so fortunate I shall not forget you. —

You may send the botan. description of the plants to my address in Washington by mail. I asked permission to day to have the dried plants which you may have for the Government to be given to the Smithsonian, so that you may send them by Express or otherwise to the Smithsonian, & place on them for me, a same mark so that I may deliver them formally to the State Department & then return them to the Smithsonian. Do let me hear from you soon & ever believe me

by sincerely Yours

Joel Morrow

Prof. Asa Gray

Cambridge Mass.

Washington City D. C.
March 19th 1856

My dear Prof. Gray,

I received yours of the 14th inst. yesterday & in reply I am sorry to have to say to you, that I have no authority, to advise Comm. Perry, in any manner, any thing about the report on the plants.

In my Memorial now in the hands of the Committee of Congress I mention the fact of the plants being in your hands, for discription & permission to delineate it, together with my Journal to the

Hon.ble Secretary of State. I am advised by my friends in Congress that it will be my duty to do this. So I must beg you to send me the report as soon as it is ready. When it is once in the hands of the Secretary of State, I will have no further control over it, but I will make it my special business to see that it is as expeditiously published as possible. I do not know that my journal will ever be published, nor do I care, but I will try to see that your report on the plants is properly published.

The prospects now for a favorable report on my application for compensation, are rather better than I had anticipated. There has no definite action has been taken yet.

I hear that they are hurrying the printing of Com. Perry's book very much, but do not know when it will be out.

I did hear also, that injustice was done to one officer mentioned in it. Of this I know nothing.

Hoping to hear from you before long I remain

Yours truly

Jos. Morrow

Prof. Asa Gray

Cambridge

Mass.

Washington City: D. C.
Augt. 1st 1856

My Dear Prof. Gray,

It is some time since I heard from you, & for two months I have been away from Washington. I learned this morning that recently Com. Perry had made application to the Department of the Interior, for an order to have the plants in your possession delivered up to him. The result I was not able to learn, but I presume that he was not successful. Have you heard any thing recently about the matter? The first volume of Com. Perry's book is published & the Superintendent of Public printing seems to have had the impression made on his mind that my journal & your report of the flowers are to be published in the Second which

will be under way in about
one month from this time. of this
I had heard nothing before & I have
no objection to such an arrangement,
I still have my journal & will hold it
till you send me the discription of the
dried plants.— I hope you have been
able to complete your own work and
this too before now. Do let me hear
from you soon, as I am anxious to leave
Washington as soon as I can & would
prefer giving up my journal before the
present Congress adjourns.— My applica
=tion for compensation progresses slowly.
No one seems to doubt but that the Bill
now before the House for my relief must
pass some time, but Congress adjourns so
soon now, I am afraid of this bill.

I remain Yours very sincerely
Jos Morrow

Columbia So. Ca,
Novr. 29th 1856

Prof. Gray
Dear Sir,

Our members of Congress are passing through Columbia on their way to Washington & they assure me again that I will have no difficulty in getting my Bill through the Senate early in the Session, so that with this assurance I can have no hesitation in begging you to take up the report on the plants, & beg you to finish it as soon as you can, that I may be enabled to hand my journal to the Secretary of State as soon as I return, which I hope to do, by the 1st Jany. next. If you have been able to complete the report before this time, I will go on earlier, for I will have nothing to detain me here after the middle of Decr. & the earlier the matter is attended to the better. —

I saw on my way home in Octr.

last I saw in the government printing room the proof sheets of a small part of my journal concerning the Lew Chew Islands. which the Com. forced from me while in Japan: I think it was published just as I gave it to him, It is for the third Vol. ——

Last night the Trustees of the So. Ca College elected four new Professors. Dr John Le Compte & Dr Joseph Le Compte of Georgia. & the Revd R. W. Barnwell Jr of So. Ca & Mr Rivers of So. Ca.

All young men & all of a high order of talent You know the two Lecompts — Prof. Lieber. & Dr Bramby resigned recently. —

Our Legislature is now in Session & we anticipate some warm discussion on certain subjects. among them, one which may surprise you. The restoration of the Slave trade Decidedly aggressive you will say.

Do let me hear from soon at Columbia. & believe me me

Yours sincerely

Jas. Morrow

Prof Asa. Gray M.D.
Cambridge Mass.

Washington City D.C.,
Jany 13th 1857.

My dear Prof. Gray,

I reached this City on Friday last & found every thing "in Statu quo." I have not given up my Journal to the Secretary of State, but am waiting to hear from you, hoping to have it in my power to give him the description of plants at the same time, which I have promised to do repeatedly & which I must consider as the only part calculated to attach any importance to the Journal. I hope you have been able to find some reason before now, which enabled you to take

the pleasants, or that you will
say some, — The publication of
Com. Perry's second Volume is going
on very slowly. I think that not one
third of it is printed as yet.
I had a copy of the Narrative—the first
Volume, which I told you I would send
to you. It was in Charleston, but when
I was in the City two weeks ago, I learned
that it had reached the City safely, but my
old Tailor, I found to whom care it was
addressed was so well pleased with it,
that he took it himself & thanked me
most cordially for the present. But I
have the promise of another copy from
the printer & shall hope to be able to
get it & send it on to you in a few
days. Do let me hear from you soon
& believe me with great regard & esteem
Yours sincerely
J. C. Calhoun

P.S. I still hope before the end of this session to get my bill through & have $100 to send to you for your labor. Yours &c.

Washington City D. C.
Jany 23rd 1857.

My dear Prof. Gray,

Yours of the 19th reached Washington this morning, by the first mail from the North, since the great storm. I was truly glad to hear from you & that you had the Japan plants in hand, for I had on last Monday reported myself to the Secretary of State, & that I hoped so soon as I could receive the description of the plants from you to give all of my papers into his hands.

I board at the same house as Col. Jas L. Orr Member from South Carolina who is my friend & if you will address the manuscript to him, I will be much obliged, when I will give the whole together to Mr. Marcy. —

My Bill is now in a fair way of passing its final reading, though the

inadvertancy of my clerk, but good old friend Judge Evans it was referred to the Naval Committee where it had already passed the Foreign relations Committee. A little time is required to raise it from that Committee, or to allow them to report, as they say they are ready to report favorably —

I heard Prof Peirce lecture last night on Potential Physics. Although the Lecture was below zero he had a full audience, which must be considered very flattering — I was glad to learn that our Prof. Dr Joe LeConte, made so favorable an impression here. —

The investigating Committee is in session now. They may work out some revelations, enough to make bitters & bitter more cautious & the whole of their operations more secure.

So let me hear from you soon & believe me with great esteem & regard

Yours truly
Jos Morrow

Prof Asa Gray M. D.
Cambridge Mass.

The Specimens in Herpatology which I understand are the most interesting yet brought from Japan & I am sorry to say have not yet been touched

I remain with great esteem & regard

Yours sincerely

Geo. Morrow

Prof. Asa Gray M.D.
Cambridge
Mass.

Washington City D.C.
July 25th 1857

My dear Prof. Gray,

You will pardon my silence, for I have been extremely ill for the last two weeks & this morning is the first time I have been able to take a pen in hand.

The Mant. came safe to Col. Fox's address & he promised to acknowledge their receipt.

I was most agreeably disappointed to find it so much larger & more important than you had led me to anticipate, I never dreamed that there would be 30 new species & one new genus

I shall hope to be able to-day or certainly to-morrow to transmit the discription together with my journal to the Secretary of State.

I have good news for us, during my worst illness, my Bill passed the Senate & has since been signed by the President & is now a law, so soon as I can receive the money, which I hope will be in a few days, though I have been advised that the change of administration may possibly cause delay, I will forward you a check as promised for $100, most cheerfully, & only wish I could be able to do more.

for I know your humble & labor tried feelings have been great. Will you have any plants for the Smithsonian after reserving for yourself what you want. If so I will advise Prof. Baird to apply to you for them & inform the Secretary of State of the facts. —

What about the Algae? Have you heard from Prof. Harvey lately. Please remember me kindly to him & tell him I would be glad to hear from him at Charleston So. Ca, & to receive any account of the plants which he may think they deserve. If he could give a full discription I will transmit it also to the Secretary of State

Washington City - D. C.
March 16th 1897

My Dear Prof Gray,

Please find enclosed a check for 100. Dollars on Jos M Dair Esq of Boston, which it would have afforded me great pleasure to have remitted to you before this time, but I only received my draft on the Treasury this morning - so slow are all the movements of this large unwieldy government of ours.

I will try to follow up, as you request your Mass. I have tried already, but find the confusion of the change of administration so great that it is almost impossible to do any business in the departments. I could learn nothing of their intentions. So I reserve for myself the privilege of acting through a member of Congress. I will get Col. Ors advice & he will act for me

I would beg you to send one set of
the remainder of the plants to
the Smithsonian where they will be
taken care of & I hope made useful
If you wish & think it advisable,
I can see no reason why the Royal
Herbarium should not have the balance
My wish while collecting them was
that you should discuss them, as it
was of Dr S. Wells Williams, & that
they should be made useful in the
advancement of science. Thank
God in spite of opposition we have
been able to accomplish the first
& I have received a respectable compensation
Time & our diligence must test the other
Hoping to hear from you in Charleston
So Ca, believe me one

Yours with great esteem & regard
Jas Morris

Prof. Asa Gray M.D.
Cambridge Mass.

Morton.

Philad. Dec. 27. 49

My dear Sir.

I have been greatly pleased with Prof. Harvey & am much indebted to you for making me acquainted with him. He left Mobile Tuesday the day before yesterday.

I now write to enquire, inter nos, whether you think him able to give an attractive popular course of lectures on Botany — on Physiological & Regional Botany for example; & whether from your personal knowledge he could make a favorable impression by his matter & manner

Some of his friends here
think they could procure
a fair share of attend-
ance on such a course,
& we are therefore desi-
rous to know what you
would recommend on
the occasion, and will
be in great measure
influenced, pro or con,
by your judgment.

In haste
Very truly yours
S G Morton

Dr. A. Gray
Prof. &c. Cambridge
Mass

14, St GILES,
OXFORD.

July 12. 1884

My dear Prof Gray

I am delighted to learn that you are to be present at the Montreal meeting and above all that you promise to read a paper in Section D. I am sure it is very good of you to do so It will add greatly to the eclat of our proceedings

And you could not have
chosen a subject more interesting
or useful, or more certain
to interest the Section generally

Many thanks for your kind
invitation to Cambridge I
hope to get a visit but
I am engaged to visit
Philadelphia directly after

the Montreal meeting closes
and possibly to go on a long
excursion from thence so that my
plans are very uncertain as yet

Please give my compliments
to Mrs Asa Gray and
believe me
yours truly
H N Moseley

and I am very sorry that our preparations for moving and the necessary confusion of the first few days have prevented us from having the pleasure of meeting you in any more comfortable way

Pray believe me, dear Professor Gray,
Very sincerely yrs
J L Motley

Professor Asa Gray

J L Motley 17 Arlington St
Nov 6th '69

My dear Sir

I have this moment received your note and hasten to send you a reply trusting that it may reach you before you leave. I am informed by Sir Curtis Lampson at whose house our lamented friend Mr Peabody breathed his last that the remains will not leave London until the arrival of his (Mr Peabody)

nephew who has telegraphed from America his intention of sailing at once. He will however of course not arrive until some time after the departure of your steamer, so that your kind offer to be of use cannot be carried out.

Mrs Motley and myself regretted very much not seeing you as well as Mrs Gray when we called at Kew. I trust to see you if you are good enough to come to-day

WISSENSCHAFTLICHER CLUB IN WIEN
I., Eschenbachgasse 9.

Wien, den 11th May 1881.

Dear Sir.

I have received your letter of the 18th ultimo together with the two packages containing volume II of the Botany of California. The sheets and the cover arrived quite safely.

Allow me to express my thanks for the same and also to compliment you upon the ingenious means of transmission. I propose to call the attention of the "zoological-botanical Society" here to this volume at their next meating in the

autumn. Also our society does not contemplate making collections of specimens from other Continents than that of Europe - deep interest is felt in results of the investigations made in the United States.

Reiterating my thanks for your kindness, I remain

dear Sir

your very truly

Hugo M. Muller

Vienna Austria

I Grunangergasse 1.

Genève (Suisse). le 9 févr. 1857.

Très honoré Monsieur !

Depuis 1850, je suis Conservateur de l'herbier de M^r. De Candolle, et depuis cette époque j'ai été chargé (à très peu d'exceptions près) de tous les travaux qui concernaient cet herbier. Outre la préparation des plantes nouvellement arrivées et leur distribution par famille, j'ai arrangé toutes les familles depuis les Ranunculac. jusqu'aux Passiflor. (dans l'ordre du Prodromus), en ce qui concerne les plantes de ces familles arrivées depuis la publication des volumes resp. du Prodr. et à ce de la Bibliothèque DC. j'ai déterminé spécifiquement la plus grande partie de ces matériaux fort considérables. Depuis les Acanthac. (incl.) toutes les familles publiées dans le Prodr. jusqu'à présent, ont passé une-à-une par mes mains. De plus j'ai arrangé et déterminé, surtout à l'aide des flores locales des diverses parties du globe, toutes les familles monocotylédonées à l'exception des Cyperac. Tridées et Orchid. J'ai fait le même travail sur les Mousses, les Hépatiques, les Lichens p.p. et les Fungi p.p. Il résulte de cet exposé, autant de mon activité et de mon habitude pour ce genre de travail, que j'ai apporté d'immenses modifications à l'arrangement de cet herbier classique. J'ai aussi été appelé à arranger quelques familles tropicales de l'herbier de M^r. Ed. Boissier, comme les Melastomac. Rubiac. Sapindac. Meliac. etc. etc. En un mot je me suis occupé successivement de presque toutes les familles du règne végétal, sauf de celles placées dans le Prodr. entre les Empetrées et les Solanac., en travaillant les premières années 5 heures et depuis 4 heures par jour. En même temps je profitais de la Bibliothèque DC. pour mes études de Botanique physiologique, et depuis près de 5 ans je m'occupe, dans les moments disponibles, exclusivement de toutes les familles des Cryptogames, mais plus particulièrement des Mousses, des Hépatiques et des Lichens. Depuis 1854 je me suis spécialement occupé d'un travail monographique sur

des Résédacées et j'ai eu l'honneur, en Sept. 1856, de voir mon Mss. couronné (par le Jury de la Société de Physique et d'Hist. nat. de Genève) du prix quinquennal de 500 frs. fondé par Mr. Pyr. DC. Ce travail aura environ 200 pages in 8 avec 10 planches (5 pour des analyses anatomiques et morphologiques, et 5 pour des analyses spécifiques) et son impression pourra commencer ces premiers jours. J'ai rédigé (quoique étant Suisse allemand) les „Généralités" en français et le reste naturellement en latin.

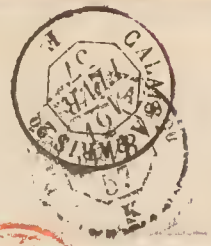
Comme ma Monographie sera imprimée déjà dans quelques mois, et comme alors les puissants liens, qui m'attachaient si longtemps à l'herb. DC. n'existeront plus, et comme d'ailleurs mon traitement est des plus modestes et à peine suffisant à mon existence, il devient absolument nécessaire de changer ma position, et je prends ainsi la liberté, très honoré Monsieur, de m'adresser à votre bonté et de vous demander, s'il n'y avait pas moyen de trouver en ma faveur une place de Custos soit à des herbiers publiques soit particuliers de votre connaissance. Comme je possède suffisamment de connaissances de langues (je connais cependant bien peu l'italien, mais assez bien l'anglais pour le lire) et comme de plus j'aurai le grade de Docteur d'ici en quelques mois, je me crois assez bien autorisé à oser de vous faire cette demande, et pour ce qui concerne de recommandations spéciales, Mrs Ed. Boissier, et Alph. de Candolle (quoique mon départ soit contraire à les intérêts) se feraient certainement un plaisir de donner de plus amples détails sur ma personne.

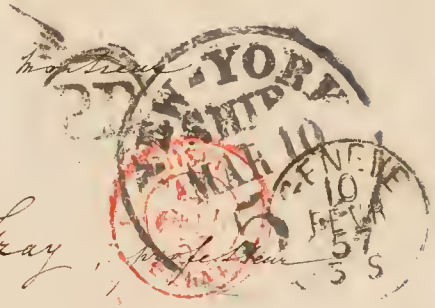
Voudriez-vous bien m'honorer d'une prochaine réponse, même si ce n'était qu'en quelques lignes. Je vous en serais très reconnaissant.

Agréez, très honoré Monsieur l'expression de ma haute considération et de mon respectueux dévouement,

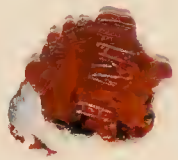
J. Müller

J. Müller chez Mr. Robert,
aux Eaux-vives. 114, à Genève





Monsieur le Dr. A. Gray,
professeur
à Havard-University à Cambridge
près Boston (Etats-Unis.)



Genève le 10 mai 1857.

Très honoré Monsieur!

Ce n'est que depuis quelques jours que j'ai reçu votre aimable lettre du 24 mars (huj. a.) et je m'empresse de vous remercier de votre bienveillante réponse à ma lettre du 9 febr., ainsi que de votre obligeance d'avoir bien voulu envoyer ma lettre à Washington où il pourrait se trouver un emploi de Custos pour moi.
Si la Smithsonian-Institution me faisait des propositions acceptables je ne hésiterais point à les accepter, surtout s'il me restait la possibilité de pouvoir prendre part à l'enseignement supérieur (comme Professeur ou Privatdozent.) à Washington. Si un arrangement pouvait avoir lieu, je pourrais sans doute aussi jouir de l'agrément de vous être agréable personnellement pour vos propres travaux en Botanique.

Je suis fort occupé dans ce moment, car j'arrange (outre le travail que je fais habituellement à l'herb. DC.) l'herb. de Mousses de Mr. Boissier et de plus j'ai commencé à donner un cours (à l'académie d'ici) d'Organographie, de morphologie et classificat., démonstrations microscopiques, sur les Mousses, ce qui m'a empêché de vous répondre quelques jours plus tôt.

Depuis ma première lettre j'ai eu l'honneur d'être nommé Docteur en Philosophie par la Faculté de Zürich,

pour ma monographie des Résédacées qui s'imprime et dont j'aurai le plaisir de vous faire parvenir un exemplaire pour votre Bibliothèque dès qu'elle aura paru.

N'aurait-il pas moyen de combiner deux emplois à Cambridge, l'un de ½ Custos de votre herbier et l'autre pour l'enseignement supérieur ou la direction scientifique du jardin ~~botanique~~ botanique ?

J'ai l'espoir de trouver un double emploi à Munich, 1 pour déterminer et vérifier les espèces du Jardin botanique et 2, pour aider le Professeur Nageli à ses travaux de Morphology-Anatomie (je crois que ce serait surtout pour sur les Lichens.) - On ne m'a pas encore fait de propositions précises à cet égard. Quoique je connaisse l'anglais je ne le parle pas et il me faudrait quelques mois d'exercices avant que je pourrais donner des cours en anglais.

Agréez, Monsieur, les salutations bien empressées de

votre tout dévoué Serviteur

Dr. J. Müller

P. S. Est-ce qu'il vous serait agréable de recevoir une Collection de mes Doubles de 300 - 350 espèces de Mousses prises par moi-même dans les environs de Genève et de nos Alpes surtout dans la chaîne du Mt-Blanc ? J'accepterais volontiers des espèces américaines en échange. Je ne possède point de Mousses étrangères à l'Europe, sauf de la New-Zealand. Ou désirez-vous recevoir une collection de Mousses rarissimes de 100 - 150 espèces ?

Votre J. M.

Genève le 23 Juillet 1869.

Très-honoré Professeur et Collègue,

Comme je l'ai promis je vous adresse aujourd'hui les 14 Cartes de visites qui restent, après en avoir donné à Madame DC., C. de Cand., Reuter et après en avoir retenu une pour moi.

Vous savez déjà que Mr. Reuter n'app. a plus des tierces dans ce moment, et quant à Mons. C. de Cand. il n'a pas pu venir aujourd'hui en ville, sa belle-mère (mother-in-law) étant tombée sérieusement malade. Vous aurez le Photogr. C. DC. plus tard quand il se présentera une occasion.

Mille compliments et bon souhaits pour un agréable séjour dans les Alpes.

Votre tout dévoué
Dr. J. Müller.

Mes respects à Madame Fazy.

Genève le 13. II. 77.

Prof. Dr. A. Gray.

Dear Sir & Collega,

I have received your contributions to the Bot. of North America and I present you my best thanks for it. I am much obliged to you for your communications.

I use of this opportunity to make you a proposal for lichenological exchange. As I possess in this moment a good series of exotical Lichens in more or less numerous and allready

prepared specimens, I send you the list of them and ask, if your herbarium at the University, or an other, could send me other exotical (not from Un. States) Lichens for my collection? I would like very much to obtain the Lichens of the numerous explorations of Dr. Wright. Is that possible? You may choose on my list the species at your convenience, but in this cas I would do the same and should be satisfied with less than an equivalent of my given plants.

I receive now a great may of exot. Lichens from Japan, Philippin., New Zealand, Australia, Java, Ceylon, Ind. or., Mauritius., Rio de Janeiro, Caracas, Chili, Fuegas &c. and shall be very glad to work in a more regular manner on them when I have finished my Psychotrieæ for the Flora brasiliensis.

If against all probability my proposal could not be accepted, you would oblige me in informing me as soon as possible of it by a postal-card.

With the greatest esteem

Yours very truly

Prof. Dr. J. Müller.

All the names written in length of this page are species from Mauritius, in fine and fresh specimens.

Duplicata

Leptogium corrugatulum Nyl. – Mexico
Synechoblastus phyllocarpum – Mexico
Lempholemma byssinum v. isidiosum – id.
tremelloides
byssinum – Java
foveolatum Nyl. – Mex.
bullatum – Mex.
azureum – Mex.
Lethagrium nigrescens – Mex.
Stereocaulon nesoum – Philippin.
— v. lovigat. – id.
Salazianum – Bourbon
procumbens Nyl. – Nov. Granat.
leucoxenum – id.
clavicepsum – id.
despreaultii Nyl. – Terre Neuve.
ramulosum – Nov. Granat.
v. degenus – New Zealand
v. macrocarpum – Nov. Gran.
v. formosum – id.
Cladonia cristatella – Un. St. Tex.
corallifera – Amazon.
peltastica – id.
muscigena – Brasil.
perfoliata – Rio de Jan.
Delessertii Del. – Terreneuve.
lacunosa – – id.
Delisei – – id.
sanguinea Fée – Bahia
v. anomica Nyl. – Nov. Gran.
Cladonia ceratophylla – Bahia, Caracas.
turgida – Terreneuve.
degenerans v. aphylla – Nov. Gran.
aggregata c. f. – Mex.
pycnocolada – Nov. Gran.

Cladonia crispa v. verticosa Del. – Nov. Gran.
sylvatica f. – Nov. Gran.
fimbriata v. coniocraea – Ceylon.
pulchella – Mex.
macilenta v. clavata – Mex.
Dactylina arctica – Grönland.
Boungyes erythrellus – Guadel.
imbricatus – Nov. Granat.
Sphaerophoron compressum – Ceyl.
australe – Ceyl.
Usnea longissima – Mex.
angulata – Mex.
densirostrata – Republ. arg.
comuta – Abyssin.
Vrietiana – Ceylon
trichodea – Philippin. & Mauric.
v. ciliaris m. – Texas.
barbata v. subgenica – Bahia
v. hirta – Brasil.
v. strigosa – Texas.
v. ceratina – Mex.
v. florida – Mex.
Alectoria Fremontii – Calif.
Lorentzii c. f. – Mex.
Bocella Montagnei – Java.
f. angustior – Java
fragiformis v. linearis – Azori.
tricholoma f. crispa – Azori.
v. dichotoma – Peru.
v. Cumingiana – Peru.
Ramalina homalea – Calif.
v. dissecta Nyl. – id.
testudinaria Nyl. – id.
flaccescens f. – – id.

Ramalina Ceruchis – Peru
– v. (Usnea tumidi Tayl.) – id.
exceps – Guadeloupe
implectens – Caracas.
complanata – Mex.
usneoides – Brasil
– v. temis – Chili
subpollinaria – Brasil.
scopulorum – Caracas.
v. subfarinosa – Ins. Levant.
linearis Nyl. – Philippin.
farinacea f. minutula Lich. – id.
f. gracilenta f. – id.
Yemensis Nyl. – Mex.
distincta v. canalicularis – Mex.
subcalicaris – Mex.
alludens – Mex.
subfraxinea – Philippin.
temis Tuck. – Texas.
Sticta tomentosa – Amazon.
quercizans – Guadel.
v. Beauvoisii – Brasil.
Kunthii – Amazon.
carpolomia – Philippin.
azygraea – Cochinch.
Humboldtii – Nov. Gran.
Dozyana – id.
crocata – Ceylon.
fragillima – Ceyl.
Orizabensis – Orizaba
anthraspis – Calif.
glomerulifera Nyl. – Mex.
damaecornis – Mex.
sinuosa – Caracas.
aurata – Mex.

Sticta quercizans v. furcinaea.
azygraea
– v. pallida
– v. flaccescens
Sticta macrophylla
– v. brasiliana
– v. Thrixiella
Ramalina perlata v. rhizoma
crispata
Parmelia sphaerophorum
Usnea perforata v. fortissima Nyl.
Sticta

Sticta laciniata v. denudata Nyl. – Caracas.
pulmonacea v. papillaris. Philipp.
retigera – Ceyl.
fossulata v. Richardi – New Zeal.
Ricasolia dissecta – Nov. Gran.
v. minor Nyl. – id.
corrosa – id.
Ravenelii – Bahia
erosa – Nov. Gran.
Peltigera leptoderma – Nov. Granata
Evernioposis trulla (st.) – id.
Parmelia hypotropa – Texas
v. sorediata – id
latissima – Amazon.
v. sorediata – Mex.
incurva – Grönland.
americana c. fr. – Mex.
perforata – Bahia
v. ciliata – Mex.
eciliata Nyl. – Mex.
sublevigata – Mex.
perlata v. ciliata – Bahia
tiliacea v. minor m. – Texas
Bolliana m. – Texas.
cervicornis – Nov. Gran.
taeniata – Caracas.
sinuata – Bahia
levigata – Nov. Gran.
Borreria flavicans – Nov. Gran.
v. exilis – Texas.
v. crocea – Bahia
v. acromela – Rio de Jan.
villosa – Algeria.
Physcia leucomela – Peru
v. angustifolia – Nov. Gran.
speciosa – Mex.
v. hypoleuca Mex.

Physcia crispa – Philippin.
picta – Philippin.
comosa – Mexique.
major – Mex.
v. isidiosa – id.
integrata – Bahia
obsessa – Mex.
Erioderma Wrightii – Guadel.
Pannaria rubiginosa – Guadel.
pannosa – id. etc.
fulvescens – Philippin.
nigrocincta – Caracas.
Coccocarpia molybdina – Philipp.
v. incisa – id.
Pyxine coccodes – Philippines.
Lecanora pingeris – Calif.
thamnites – id.
subfusca v. subgranul. – Guadel.
phryganites – Calif.
fecunda – id.
amphorella – Mex.
Urceolaria microcaesia – Nov. Granata.
Pertusaria globulifera – Caracas
melaleuca – Texas
pilulifera Nyl. – Caracas
Chiodecton rubrocinctum – Mex.
Dirina californica – Calif.
Lecidea Feudleri – Caracas
breviuscula Nyl. – id.
parvifolia v. corallina id
– v. subgranul. id.
arcentina – Mex.
versicolor – Mex.
millegrana – Mex.
russula – Mex.
Buellia halonea – Calif.

Patellaria vigilans – Caracas.
tuberculosa – id.
domingensis – Bahia.
Stigmatidium elegans – Guadel.
Graphis dendritica – Mex.
comma – Guadel.
cometia – Mex.
sculpturata – Mex.
Mycoporum pycnocarpum – Mex.
Glyphis favulosa – id.
Pyrenula convexa – Guadel.
variolosa – Mexique
Polyblastia dispora m. – Texas.
Strigula complanata – Ind. or.
nemathora – Senegaml.
Acolium Bolanderi – Calif.
californicum – Calif.
Coenogonium subvirescens – Amazon.
Dichonema sericeum – Amazon.

+ circa 200 rare european Lich. not published in Hepp's Lich. europ. and a certain number of originals of my new europ. Lichens. – I have yet at my disposal c. 700 spec. of the Exsicc. of Dr. Hepp, but not accompagned with drawings of the spores.

Genève 19. IV. 77.

Dear Sir,

I have been so much overcharged these last days that I could not sooner find a moment for answer to your kind letter dated 12. III.

I accept with great pleasure your proposal concerning the communication of small specimens from your set of Wrights Cuba-lichens and as soon as possible I shall send you the list of Dr. Wrights numbers, published by Dr. Tuckerman ~~and~~ desirable for my purposes.

Your second proposal is not less well adopted. Please therefore to give instruction to Mr. Fendler to collect Lichens in Trinidad. I shall be very glad to study them, supposing that Mr. Fendler collectes them carefully so as he did formerly for his beautifull phanerogamic

collections.

I shall finish my brazilian Psychotria and allied tribes this year and after that I am impatient to turn my activity on Lichens.

Be so kind also to tell me what species of my transmitted list you are desirous to obtain. They are allready prepared and I can send them immediately. But the supplement - species to Hepp's Lich. of Europe are not in the same condition, the preparation and inscription of the labels taking some time I cannot send them before August.

My best thanks for your friendly acceptance of my last letter.

I remain, with greatest esteem,

Yours very truly

Müll. Arg.

My friendly compliments for Dr. Farlow, if you please.

Lichens of Dr. Wright from Cuba (desiderati) et alibi [C. from Cuba]

—Omphalaria leptophylla. C \
— lingulata. C \
~~Collema~~ cubana. C
wrightii. C
— densta. C
Leptogium juniperinum
Collema coccophorum
— stellatum. C \
Synalissa texana!

—Trachylia leucampyx. C. \
—Calicium leucochlorum. C. \
Stereocaulon chlorellum.
—Cladonia Dilleniana α & β. \ C.
— gracilenta. C. \
hypoxantha. C.
Pilophorus polycarpus
—Boeomyces absolutus \

—Alectoria japonica. \
—Ramalina dasypoga. C. \
—Cetraria chrysantha! \
—Sticta Wrightii! \
—Parmelia texana!
— japonica! \
—Physcidia Wrightii. C (Physcia ol.)! \
— squamulosa. C. ! \
Physcia (Sperschneidera) euploca!
Leana!

Placodium eugyrum. (vide sub Lecanora)
Lecanora chrysops!

Lecanora diphasia!
subflava. C.
rhodopis. C.
chonion!
compalea. C.
~~camptidia!~~
diphasia!
floridana!
erythrantha (Placodium). C
phaeum (Placod.). C. n. 112
—Urceolaria chlorolenca. C. n. 123 \
Thelotrema lepadodes. C.
— platycarpum. C \
leiostomum. C.
cubanum. C.
auratum. C.
—Wrightii. C. \
globulare. C.
actinotum. C.
—schizostomum. C. \
—myriopsorum. C. \
latilabrum. C. 137
leucastrum. C. 158
— β difforme. C. 159
—platycarpoides. C. 157 \
—lirelliforme. C. 150 \
catastictum. C.
simplex. C. 154
—Gyalecta astiria. C. \
nana. C
carneolutea. C.

Lecidea et Biatora ~~ictérica~~
crenata (Lecanora chonion)
— pyrrhomelaena . C. \
phaeaspis . C.
— verella . C. \
— melampepla ! \
— tephroea ! \
polycampia . C. 194.
— chlororphnia ! \
— luteo-rufula ! \
oncodes . C. 187.
— parvifolia var. C. 179, 181. 182
184 - 185 \
furfurosa . C.
orphnoea . C.
Wrightii . C. 235
nanaria (Heterothecium) . !
Simodensis ! ~~[illegible]~~
— japonica ! (~~[illegible]~~ Buellia) \
pellaea . C. 206.
scitula . C. 202.
palmicola . C. 201.
— thysanota . C. 210. \
leucocheila . C. 208.
phaeaspis !
(Heterothecium) aureolum . C.
leptocheila . C. 227
pachycheila . C. 230.
— vulpina . C. 233. \
turbinata . C.
— (Bacidia) microphyllina . C. \
var. 211, 212, 213
214

(Bacidia) medialis . C. 203
— africana . !
— japonica !
Coenogonium moniliforme ! C.

Chiodecton montagnei . C.
arthonia cyrtodes . C. 245,
β. C. 246.

Pyrenula ~~subcinerea~~ I

Series secunda cl. Wright e Cuba
13. 45. 47. 46. 147. 148. 149),
150, 96. 722. 93. 92. 86. 81.
520. 509. 68. 69. 74.

Species arctica :
— Ramalina inflata \
Cetraria Richardsonii
nigricans.
Parmelia isidiocera
Gyalecta Thexoblephara.
Pilophorus acicularis
Lecidea parasitula Nyl.
auriculata
Verrucaria terrestris.

Genève 21. Sept. 1877.

Prof. Dr. A. Gray.

Dear Sir,

I am so extremely occupied this time, being obliged to finish my work on the brazilian Psychotrica til new year, that only now I am able to prepare the liste ~~the~~ of desiderata of Lichens found by the infatiguable Ch. Wright, generally in Cuba.

In the greater number of cases I could not quote the number of the collection, Dr. Tuckerm.'s publication doing not indicate them, but I think you possess the Lichens all exactly named.

I hope my friend Dr. Farlow will be so kind as to go over your collection of Lichens and give me, where that is possible, a specimen of the species of my list; yet small specimens, or bits, at least, will be very usefull for me and will be accepted with the highest interest.

When you have prepared a suite of my desiderata, be so kind as to send me a list of ~~the~~ my Lichens that you wish to receive as an equivalent of your package, so that I can send you my Lichens before you send ~~the~~ yours.

All my studied Duplicata (the exotical) being allready prepared and the names written, the preparation of my parcel does not employ much times.

Be so kind as to present my friendly regards to Dr. Farlow.

With the greatest esteem

Yours very truly

Müll. Arg.

Geneve 6 Nov. 1877.

My dear Sir,

I have received in good condition the little but highly interesting parcel of Lichens, that Dr. Farlow was so kind to prepare and that you had the liberality to send me. Nearly all specimens are very sufficient for comparative study and they will render very considerable service to me. Accept my best thanks for them, and also for your friendly idea to have asked Prof. Tuckerm. for the rest of my desiderata not found by Dr. Farlow.

I shall do my best to render for your valuable little parcel.

In some weeks I shall have finished my Mspt. on the Brazilian Psychotrieæ, all specimens ~~are~~ finished, and I work on ~~them~~ the Mspt. very strongly, nearly without interruption, very glad to be soon delivered from this work and free to go to the Lichens.

With the greatest esteem and thankfully Yours

Müll. Arg.

My Very Kind regards to Dr. Farlow if you please.

Genève 28 Août 1879.

My dear Sir,

I have compared your fragments with the original specimens of Alaman of DC's Eupatorium grandidentatum.

Your plant is not conform with them. The leaf-ambitus and nervation of the involucral squames are different.

I inclose a leaf and capitul., on my own risico, the specimen of the Prodrom. being very good (in flowers), but Prof. DC. is now at Paris and could therefore not allow these fragments to be sent to you. You may easily differentiate your plant with my fragments.

Can you tell me if Mr Bolander

in San Francisco is dead or not. I sent him a valuable parcel of Phanerog., Mosses & Lichens, last year, by the Smithsonian Institution, on particular permission given by the Secretaire, but have not received any acknowledgement since and have no more heard of my parcel.

If you know anything giving an explanation of this silence you would oblige me in sending me some words by a postal card.

Dr. Wight's Lichens of Cuba are in my hands, Dr. Tuck. has been informed of their good arrival and he has written me ~~that my~~ and told me that he did receive my answer.

Believe me, dear Sir, yours very truly

Miile. Arg.

Genève le 20. III. 1887.

My dear Dr. Gray,

Some days ago I have sent to you 3 small specimen-parcels with Lichens, after having waited ~~longtime~~ very longely for an opportunity to forward them to you. I have then decomposed the parcel in 3 small and should have written the day after, but I have fallen ill and could not do it since this time.

Accept, I beg, the few things, including good rare Lichens, such as they are, as a sign of my gratitude. The specimens I send are often but small, indeed, but the are generally in good state; it is rare to have exotical duplicates of Lichens richely.

Dr. Farlow is so kind as to send me the suite of the Taylorian types. Mueller

(I am now pretty well.) With greatest esteem, Yours truly Mull. Arg.

Yosemite Valley
Oct 10th 1872

Dear Gray

Your letter & notes of the 11th 13th 20th & 21st Sep were received yesterday on my return from an excursion of two weeks in the Great Tuolumne Canon & high Sierras.

Cordial thanks Dr for your true & bulky kindness

Your Botanical contributions sent in care of Mrs Carr have also reached me.

I have not forgotten your ferns Etc I went twice down the Canon for seeds of Torreyen - once before they were fully ripe, fearing that the Indians & squirrels would eat them all. Also when I was exploring the Hetch

a week ago I discovered a fine congregation of that Clouds Rest Primula on one of the passes of the Hoffman range

Hetchy valley & Canon I discovered another grove of Torreyas & procured seeds from there also. I shall attend to all of your botanical wants at once, packing as you direct. The Sulla percha cloth is received.

I brought you down sections of Pinus flexilis & Abies Williamsonii from foot of Lyell, but some wood saving cook has burned them.

I am glad to know that all of your visit to our Pacific Gardens was so satisfactory to you. If you & Mrs Gray had only exposed yourselves to the plants & rocks & waters & glaciers of our glorious High Sierras, I would have been content to have you return to your Cambridge classes & to all of the just & prospering doing of civilization.

Agassiz comes not this year to Yosemite, Mrs Agassiz writes me that they may visit us in an indefinite year or two.

My experiments made on the glaciers of the summit back of Yosemite, fully prove that they are alive, & are living the whole life of glaciers as well as the most orthodox of the Swiss alps.

Give me work Doctor for I am heavy laden with obligations. —

With kindest regards to Mrs Gray & yourself, I am ever yours, John Muir

Yosemite Valley
Dec° 18th, 72

My dear Gray, I received the last of your notes two days ago announcing the arrival of the ferns. You speak of three boxes of Primula, I sent seven or eight.

I had some measurements to make about the throat of the South Dome so yesterday I climbed there, & then ran up to Clouds Rest for your primulas, & as I stuffed them in big sods into a sack, I said now I wonder what-mouth-fuls this size will accomplish for the doctors primrose hunger. Before filling your sack I witnessed one of the

I have a rare chance of getting your plants packed out of Yosemite Valley tomorrow & so have determined to send all together ~~together~~ with a few seeds in a box by Wells Fargo &c –

I am ever cordially
Your friend John Muir

The books, both Hutchings & mine are along, all right, Many thanks!
I am hard at work on dead glaciers

most glorious of our mountain sunsets - not one of the assembled mountains seemed remote - all had ceased their labor of beauty & gathered around their Parent Sun to receive the evening blessing & waiting angels could not be more solemnly hushed. The sun himself seemed to have reached a higher life as if he had died & only his soul were glowing with rayless bodiless Light, & as Christ - to his disciples so this departing Sun-soul said to every precious beast - to every pine & weed, to every stream & mountain, My Peace I give unto you,

I ran home in the moonlight with your sack of roses slung on my shoulder by a buckskin string, - down through the junipers - down through the firs - now in black shadow - now in white light. past great South Dome white as the moon - past spirit-like Nevada - past Pywiack - through the groves of Illilouette & spiry pines of the open valley, Star-crystals sparkling above - frost crystals beneath, & rays of spirit beaming everywhere.

I reached home a little weary but could have wished so godful a walk some miles & hours longer & as I slid your roses off my shoulder I said "this is one of the big round ripe days that so fatten our lives - so much of sun on one side, so much of moon on the other

Muir

Yosemite Valley
Feb. 22d 1873

Dear Dr Gray

Your letter of Jan 4th arrived just before our trails were snowblocked,

The seeds I sent in a letter envelope are Libocedrus decurrens

As for the express charges on the primula box I have not got the receipt by me & cannot tell what they amounted to but you must remember that you gave me money sufficient to prepay all such boxes for a year to come

Next summer I will find a new genus & a

Ever very cordially yrs John Muir

They know little of the character of a pine tree who see it only when swaying drowsily in a summer breeze or when balanced motionless & fast asleep in hushed sunshine

Our Laurel was in flower a month ago, so was our winter wheat (Libocedrus)

We are grandly snowbound & have all this winter glory of sunlight & stormshade to ourselves

Our outside doors are locked, & who will disturb us?

I call your attention to the two large yellow & purple plants from the top of Mt Lyell, above all of the pinched & blinking dwarfs that almost justify Darwin's mean ungodly word, "Struggle"

They form a rounded expansion upon the wedge of plant-life that slants up into the thin lean sky, they are the noblest plant-mountaineers I ever saw, climbing above the glaciers into the frosty azure & flowering in purple & gold, rich & abundant as ever

responded to the thick, creamy sungold of the tropics

half dozen of new species for that generous exhaustive list you propose.

Did I tell you that our very primula grows upon the Hoffman Range a few miles west of Mt. Hoffman & also on the E slope of the Sierra, between Mts Lyell & Ritter?

Here are a few plants wh I wish you would name for me,

Our winter is very glorious. January was a block of solid sunshine not of the thin frosty kind but of a quality that called forth butterflies & tingled the fern coils & filled the noontide with a dreamy hum of insect wings.

On the 15th of Jan I found our big Phacelia in full bloom on the N side the valley about 1000 feet above the bottom or 5000 above the sea. Also at the same sunny nook several bushes of Arctostaphylos glauca were in full flower, & many other plants were swelling their buds & breathing fragrance showing that they were full of the thoughts & intentions of spring.

This month up to present date has been profusely filled with snow, about ten feet has fallen on the bottom of the valley since the 30th of Jan.

Your Primulas on Clouds Rest must be covered to a depth of at least 12 or 15 feet. I wish you could see our pines in full bloom of soft show, or waving in storm

920 Valencia St. Nur
San Francisco.
March 16th 1880.

Dear Gray.

I send you here a few odds & ends from Southeastern Alaska. Please send back a specimen of each or fragment named.

Had a glorious summer among the Glaciers. Found ten that flow majestically into the sea sends off bergs. There can hardly be less than 10,000 big & little in the territory. Counted over 200 from one standpoint.

The forests are magnificent.

That Cupressus we found about Shasta is not Nootkatensis. Have just been comparing them. Found specimens in Alaska 150 miles N of Wrangel 150 ft high & 6 ft diameter. Ever Cordially yrs John Muir

Muir

Martinez,
Contra Costa County
Cal; June 19th 1880.

My dear Gray,

I send you herewith specimens of the cones, lvs, & wood of the Alaska cypress.

When is that 2d vol of Cal, botany to appear. Do you know anything about a 2d edition of the 1st vol, Not a single copy is to be had here for love or money.

I was married last April, & now have a fixed camp

where I can store bars & grass. My address is now Martinez etc.

I learn through the newspapers that Sargent is coming to our woods this summer. I would like to see him.

When are you coming back yourself?

That pteris from Alaska that you named aquilina is very different from the common form.

Cordially your friend
John Muir.

Martinez,
Contra Costa Co.
California
Oct 21, 1881.

My dear Friend Gray:

Parry was here the other day & brought the news that you were likely to be home by the end of this month.

What a fine big eventful trip you must have had, & how many interesting plants & people & places you must have seen.

I returned a week ago from the polar region, about Wrangel Land & Herald Island, & brought a few plants from there which I wish you

you would name as soon as convenient, as I have to write a report on the flora for the Expedition.

I had a fine cyclone & gathered a lot of exceedingly interesting facts concerning the formation of Behring Sea & the Arctic Ocean & the configuration of the shores of Siberia & Alaska. Also concerning the forests that used to grow there, etc, which I hope some day to discuss with you.

With cordial regards to Mrs Gray I am ever your friend John Muir.

Martinez, Cal.
Jan 2d 1882.

My dear Asa Gray

I cordially wish you a happy new year, & rejoice with your many friends that you are once more in your own country & still strong to work & enjoy.

Parry was here a short time ago & we greatly enjoyed his visit. He reported Dr Engelman unwell & likely to seek California next season for health as well

I shall fondly hope that you also will come again to this side the big bo[illegible] garden for another ramble among the trees to delight your friends. The Bi[illegible] among others would be beside themselves with joy should you bless them with another visit

Mr & Mrs Parry were up at their big Kingdom ranch & they were here too among the vines & so was General Bidwell He is erect & massive as ever.

I have not yet heard from those Arctic plants I sent you by express two months ago. Have you received them?

Hoping you will long be spared to bless the people & the plants

I am ever your admiring friend John Muir.

Quebec. C. E.
May 18th 1858.

My dear Sir,

I have had the pleasure of receiving your note and am sorry that I did not acknowledge the receipt of the plants as Mr Wright has been uneasy about them but I thought as your last letter mentioned that they had actually been despatched you would take it for granted that they had reached me useless I wrote in a few days to the contrary. They not only reached me in very good time but I have now nearly completed the naming of them as I have not above half a dozen still undetermined and hope to finish them this week

and many other duties that I could not possibly get away. I am very sorry to hear of Mrs Harvey's loss. I also learned that when Joseph Hooker last wrote to me he wrote in deep mourning but did not mention in whose account but said that his father and mother were quite well. Well my compliments to Mrs Gray

Believe me

Yours very truly

William Munro

I have taken [illegible] [illegible] [illegible] with them and is generally the case with me. I work up allied species when I get a collection to name. Many of them are interesting plants and I think I must make 7 or 8. I could make 20 but as the specimens are fortunately numerous I have been able to avoid falling into an error which a single specimen might otherwise have led me into. I must I am afraid make a new species of Poa in that very troublesome section to which P. annua belongs. It is a very pretty plant and must have an elegant look in growing. I confess I cannot to my own satisfaction divide Poa into any but the most artificial divisions. I do not think it would be difficult to find specimens of P. nemoralis & its varieties to hold positions in every section of Poa as divided by Gaudebert and Stock. The most interesting grass in this collection is a new species of Phalaris from Japan. I cannot find any amount of a species of that genus in a similar part of the world. Unfortunately I have not got Steudel's work on the grasses. I wrote to J. D. Hooker and asked him to send it out to me but it has not yet reached me. I know it is extremely imperfect and incorrect but still as the work is pirated and published his names ought of course to take precedence of Rees manuscript names. I have a copy of the Rees MSS. [illegible] descriptions of Indian & Chinese Grasses. I have with me some duplicates very few of some Grasses I collected in the Crimea. If they would be acceptable to you I would send some when I return the packet of Mr Wright's grasses. I must hope that as the year gets older I shall be able to pay a short visit to the States but at present I have no large a charge about 3000 me,

Wright's Gramineae.

Oryzeae.	1 —	1 new
Phalaideae	4.	
Paniceae	24	1 n 2 new
Tristegineae.	4.	2 new
Stipeae	1	1 — "
Agrostideae	4.	
Arundineae	1.	
Chloideae	5.	
Avenaceae.	2.	
Festucaceae.	22.	1 new
Bambuseae.	2.	
Hordeae.	2	
Andropogineae	24.	1 n 2 new

98 species

I have a spec: of Bentham's of Prosartus Cernuum for Sitcha fr the Imp: Acc: St Petersburgh and that differs for Wright's spec: on an important point in having the ovary always hirsute which I have generally found a very good mark of distinction. I consider the plants (not Cernuum, but Wright's) identical with P. Nuspreckter: of Led: Pl: Ross: and this on my opinion is again identical with P. Flavescens. I have specimens collected by myself in the interior Himalayas identical with the Japan ones. I have seen large number of grasses from Drummond's collection in Texas in Hb: Hook: and Hb: Brooth: and it contains many interesting plants. Dr Pancy wrote to me some months ago about some Mexican and I think Texan grasses but his letter arrived when we were so uncertain about our movements at the commencement of the disasters in India that I never felt certain that I should remain a week longer in the country. But I should be glad

Quebec. Canada. E.
May 30th 1858

My dear Dr Gray,

I had the pleasure of receiving your note of the 21st and should be obliged much by your lending me Slendel's work before I return Mr Wright's grasses. I have heard from S. W. Hooker since I last wrote and he says he is sending it out to me but unfortunately he still writes me via Halifax and if he was to send a parcel in the same way I know not when it would reach me. Hooker last letter was 6 weeks instead of a fortnight in reaching me. I am very much obliged by your offer of books and some I should be very glad to have a right of pr. a few

days even. I always buy every work on Gramineae of moderate dimensions that I can find an opportunity of purchasing but none of the best works are Pursius papers or Gramineae in any bulky transactions and I have found it difficult to procure his earlier papers separate. I have Kirkrecht's Bambusae and Pursius' papers on Phalanideae, Agrostideae, Stipaceae & allied tenera. But I have not got his paper on Andropogoneae published in 1833. In the 6th Ser: 2nd Vol: of St Petersburgh transactions. nor his paper on Paniceae published in 1835 6th Ser: 3rd Vol: nor an useful supplemental paper published in 1838 in the 6th Ser: 4th Vol: If therefore you can really without any inconvenience spare me to peruse of these or any of them I should be greatly obliged. I generally employ people and make extracts for bulky works of all new matter and this saves me much baggage in travelling so much as it is very general but to do. Does Thunberg give any lengthened description of his grasses in the Flora Japonica or to be content with the few pithy words that satisfy R. Br: in his Prodromus because I do not feel at all certain of some of the plants referred to as identical with Thunbergs. I have been carefully reading and collating your description of Grasses from Japan. ~~and~~ Wight all: does not contain any Alopecurus except from Hong Kong and that is the very common dwarf form of A. geniculatus. The only description I have of Festuca pauciflora is in Kunth and the Japan Festuca differs in having villous leaves which Wight operates have no tendency to. I identify this plant with Festuca occidentalis of Hook: Fl: Bor: Am: having a very fair specimen of Bentham's by me from Drummond. Bromus conformis I do not know but Wight's all contains B. Japonicus in all its forms plainly shewing that it is quite identical with B. patulus.

now to work then at before I
return Bentham's Grasses.

Now I will deliver a message of Mrs Muscio's
which I ought to have commenced my letter
with and that is to give her compliments to
Mrs Gray and yourself and say that it will
give us real and great pleasure to receive you
at our house wherever you can manage your intended
flying visit to Montreal and Quebec. We have
now a nice house in the town and I know of but
few circumstances that would give me greater
pleasure than to have you guests in our house. It
would be of little consequence as regards distance as to whether you came
to Montreal or to Quebec direct. I believe as I
think the railway branches off at Richmond.
But if you came here first you could make this

you have quarters and make excursion me.
in various directions. There is much more to
be seen in the neighbourhood of Quebec than
Montreal which is however a much finer town.
Very agreeable and economical steamers now
between the places daily or rather nightly and as
the scenery is very monotonous and uninteresting
there is nothing lost in this mode of travelling.
My leisure days are very uncertain, at this
time of year we generally receive our drafts
from England and we are also about to embark
the new Canadian Regiment the 100th for
England to commence their militaries career.
With kind regards and compliments to Mrs
Gray in which Mrs Munro begs to join

Believe me
Yours very truly
William Munro

Quebec. Canada. E.
August 25 1858

My dear Dr Gray,

The grass you sent me from Harvey is Lamarckia aurea of Moench, Chrysurus aureus P. de B. I have collected it at Gibraltar and have it from Morocco, Barbary Madeira Sicily Affghanistan and Pestanoor. I have never previously seen it from the Cape of Good Hope. I see by my notes in My Herb. that it is in the herb of F. C. D. from Barbary. Do you wish the specimen you sent returned, as you did not express your wishes on your letter. Many things have also prevented us from taking any trip and Mr Munro is now so near her confinement that I should not like to take her away to any distance. We should however be very glad to see you and Mr Gray at any time. My military duties have prevented me from taking any holiday except for 36 hours when I went up to Montreal to be present at the marriage

of a better officer. I have now the command of the largest number of men at any one spot in Canada and as this is our busy season I have had very little time to spare. I have now a very besure hours named all bright grasses and will write at any account of them and return them with very little delay. The Coralliers of some puzzle me. In the Bundle marked Rosina as some are marked from Pukuruisina, Hakiah and Agentur Islands. I cannot find these places in any atlas and should be glad to know whether you want a separate account of these grasses or if they are to be joined to any other collection as I find Rosina a common name in those parts. I have received a number of interesting plants from Mr Thurber principally from Mexico so abounding in remarkable grasses of enormous labels. I see the death of Lady Hooker's father in the English papers and am also very glad to see with what good state Lindley writes about Brown. I have picked up much knowledge in chats with Brown in the British Museum about Australian grasses & some of the original Indian Herbaria. I always found him very willing to communicate information and his explanations of the early editions of Linnaeus's works were very valuable. Well my compliments to Mrs Gray in which Mrs Munro begs to

join me

Believe me
Yours sincerely
William Munro.

Paid.

CANADA
[illegible]

PAID
[illegible]
QUEBEC

Professor A. Gray
Cambridge
Massachusetts.

is to be on Thursday week and I have promised
them to give them a lecture on vegetable substances
used in manufactures. Unfortunately I have scarcely
any specimens to illustrate the lecture and should
be much obliged if you have such a thing at hand as a spare
cotton pock or any fibres of hemp and flax that
you could spare me a little of and I shall be grateful
for them and delighted to pay their carriage here on
ordered any thing that would illustrate the subject. Such
here we have neither museum or even drawings and there
I should like very much if you know of any artist to whom
it would be an object to copy some models for me and large
such as I suppose you use in your own lectures. Harvey
Ohio's taught a man at Dublin who used to copy
them very fast for him. Nearly 400 men attended
my lecture the other evening and I am very anxious
to try and persuade them to be thus amused instead

Quebec.
December 5th 1858.

My dear Dr. Gray,

My sister returned
quite delighted with her pleasant trip
and very much pleased with all she had
seen and pray allow me to return my very best
thanks to Mrs. Gray and yourself for your great
kindness to my sister I also hurriedly made ar-
rangements to take a short holiday and per-
suaded Mr. Munro to accompany me and we
were both enchanted with all we saw having visited
a few of the Under cities of the United States on our
return. I was delighted and surprised with the

beauty of the country between Rochester and Rome. It reminded me very much of the scenery in Berkshire. I confess to having been very much disappointed in the opposite side of the Lake in Canada for I never travelled so many miles with so little variety and interest. Since our return I have been so very much occupied with my military duties that until worn out at the end of the day I have never had any time to myself. But I hope that will now be at an end for some time. The only spare moments I have found I have devoted to completing Bentham's Avenarese which I completed and sent off by the last steamer. Yesterday I recorded Bentham's last work and have only just glimpsed at it. I do not like some of the English names which are merely the Latin ones with the termination cut off nor can I say that I like his description of the parts of the flower in grasses. I shall be very glad to take the fullest set you can procure for me of Fendler's Ferns and will send the amount immediately I know the exact sum. Are the notes of the Montreal Bank negotiable in Boston if I send them or is there any other better way of sending money. On my return from Niagara I found the parcel you were kind enough to send me and am very much obliged indeed for your liberal present of your own and Dr Torrey's scattered publications which will be of very great assistance and value to me. I am also especially obliged for your presents to our soldiers library I handed them on to them and last Thursday when I gave them the first lecture for the season I told them who the kind donor had been and called their especial attention to the books themselves. My next lecture

of haunting the public houses outside and I hope you will examine very thoroughly you on the subject. It was an extremely interesting set of plants you sent me kindly for the arctic region, there were several I had no specimens of previously and apparently very correctly named. I will send the names of them and the other grasses you sent in a few days as the list might possibly be useful. Mr Thurber has sent me a very nice collection containing many new to me and some older friends. How very widely the grasses are dispersed and how necessary it is to have a really scientific account of them. I find some will at least 20 synonyms scarcely differing over in varieties. Hooker sent me his proof sheets of the Tasmanian Grasses. I think he has a tendency to reduce some

real Genera such as ~~Deschampsia~~ Deyeuxia and Bizopyrum. My [illegible] copy of Hooker's New Zealand Grasses has unfortunately missed me but I have ordered him to send me another. I hope before the end of the month to send you back named all Wright's North Pacific Grasses – with very kind regards to yourself and Mr Gray and many many thanks in which my sister and Mrs Munro beg cordially to join

Believe me

Yours very sincerely

William Munro

in a few days when I send off the grasses of Wright's Collection. We are now in full enjoyment of the best part of our winter what I think the first two months of winter generally are here. I wish you could take a run up to see us for really the winter at Quebec is a very curious sight well worthy of being seen. Will you kindly give my kind regards and the compliments of the season to the Loverings. My sister and Mr. Munro beg to join me in the same to yourself and Mr. Gray and

Believe me

Yours very sincerely

William Munro

Quebec Canada E.

January 2nd 1859.

My dear Dr. Gray,

Before I go any further allow me to wish Mr. Gray and yourself very many happy new years to come and good health to enjoy them. Your kind note of the 11th reached me in good time and the parcel arrived a day or two afterwards. I had requested another officer to take my duty for the lecture and adjourned my own till the day week following so that your kind contributions arrived in excellent time and assisted me very much. and have attracted very great

attention. Mr. Munro to my surprise came out remarkably well in chalk drawings of sections one and one of our officers painted me a large number of admirable representations of the principal plants which produced the fibres. What a very interesting collection they are and I am very grateful for your allowing me to see them even. They shall all be sent back to you in a parcel in a few days. I will finish the Japan plants at once and send them off to you. The Poas have as usual puzzled me much and I have now spent many hours over them in the last few days and most of them resolve themselves into the neighbourhood of P. serotina and nemoralis I am inclined more and more to the belief that the real species of Poa are not very numerous. If I cannot quite finish the Hong Kong grasses at once I will send off all the others during the crossing week to Wales with some few grasses of my own collecting and naming which I hope may have some slight interest for your herbarium. I have looked over the ferns which seem a nice collection and in a good condition altho' certainly small. I have found it impracticable to get an order on Boston as no Bank here draws on Boston but I am told the accompanying draft on New York will be easily negotiable at Boston. It seems rather remarkable that there should be no direct pecuniary transactions between such towns as Boston and Quebec. I hope to write again

Lord Napier seemed to be so much pleased with him. I am afraid the politics of the world are becoming complicated all over the world just now. Mrs. Munro and my sister beg to join me in kind regards to Mrs. Gray and yourself and

Believe me,

Yours very sincerely

William Munro

Quebec. Canada C.
January 7th 1859.

My dear Dr. Gray,

I have this afternoon sent off to the express office a parcel to your address containing 1st The fibres you were kind enough to lend me – 2nd Wright Sapan and Lonkoo Grasses so that I have now only the Hong-Kong ones left and 3rd a small parkage containing 86 species of duplicates from my own Herbarium. I am very sorry the latter are not better worth having but you will readily believe how a travelling botanist like myself feels himself obliged to have as few duplicates as

possible but from specimens as they are I
trust some few may be useful to you.
In a separate envelope I have to-day despatched
the list and descriptions of the Japan Grasses
I will in a few days prepare that of the Lorchow
and Bonin Islands. I shall be very much
obliged for a few extra sheets when you publish
the grasses as I am desirous of making my
Herb: complete in itself as a reference. If I have
not finished the Japan Grasses as you wish pray let
me know and I can alter the system before I am
ready with the Hong Kong ones. I have been very
much disappointed with the Grasses as worked up
by Bentham in his new British Flora. I cannot
think flowering glumes a good substitute for palea
We have already too many names for these parts of
grasses and after a beginner had mastered the

English Grasses from Bentham Flora he would
be quite at a loss in works treating on plants of
other countries. My next lecture to my soldiers
will be on vegetable substances used as food by
man and I shall feel obliged by any hints as
to good illustrations when you next write. I
made use of all you mentioned in your last. Still
not be very busy for three or four weeks to come.
Harvey on one of his lectures on Botany on a similar
subject had an admirable map stretched out
with different colours indicating the principal
grains that different nations feed on. Such
as a maize district, a wheat, barley, rice or one
Where was maize first known to be largely used
as food for man? -- Is the removal of food
Inspector from Washington to Utah to be displeasing in
America generally. Every one I have known who had

regards to yourself and Mrs. Gray and
Believe me,
Yours very sincerely
William Marcio.

Quebec.
Canada E.
January 22nd 1859.

My dear Dr. Gray,

I had duly the pleasure of receiving your letter of the 12th and am much obliged by the little book which accompanied it and which will be of much use to me on my ensuing lecture. I had never seen it before. I have now the pleasure of sending the mss. of the Lowthorp Bovine and Ovine Grasses. The Hongkong ones alone now remain and I will proceed at once to finish them. What a productive Island Hongkong is

Bentham writes to me that he is completing a review of the Plan [illegible] for you and believes that it contains 1000 good species. I believe that including Wright's and Seemann's collection and some others detailed in the Botany to Beechey's voyage I have seen nearly 100 Gramineae. In my rough mss I had all the new species in Latin but I imagined you wished them in English and therefore translated them. I always described in Latin myself. The present mss: does not contain any entirely new species but the Hongkong collection contains several which I will send in Latin. You will observe a large number of synonyms collected together in the present mss of 31 species but I conscientiously believe them to be correct and have taken great pains with them. Some of the Hongkong species

been a rush number of names also but none I think to equal Arthrasmon intimations with 7 or 8 generic names most of which were invented for itself. Our intensely cold weather has passed away and been succeeded by a thaw. In three days my thermometer shewed a variation of 77 degrees. Once it was down to −35°. Many people declare it has been down to −42° but mine is a very good register and never shewed lower than 35°. At that temperature he mercurial one was absolutely valueless. Our weather was bitterly and painfully cold for three days. However we have as our present reward a beautiful Ice Bridge over the St. Lawrence a source of great comfort to every body, cheapening our markets very considerably. Mrs. Munro & my sister joins me in very kind

Quebec. Canada. E.
March 17th 1859.

My dear Dr Gray,

I have now the pleasure of sending you the manuscript of the Hoy Hoy Gramineae I had completed the naming some time ago but I had so much vacillation writing them on one that I could not find time to write out the manuscript. I have been obliged to make 6 new species as you will observe and I think they are really good ones but you will also see that I have reduced many supposed species. I have worked ~~the~~ grasses up very carefully so that I hope the notes will be of use. I have sent the grasses themselves off by express this day the parcel paid to Boston. Answered to this I have added some few notes on the other ~~cold~~ grasses of Wright and thus I have I believe named all that you have entrusted to me. I have also sent back all the Thurbers grasses named some weeks ago but I have not heard of their safe arrival. I will now try and finish off Bentham

grasses. A photographer here persuaded me to sit for a negative likeness of myself and has printed off some positives of which I have to clear one of sending you one as perhaps you would like to have it. Mr. Murrow says it is by no means a pleasing likeness. — I have still a book and pamphlet of yours left which I will send by the first opportunity of a private hand. We have at present an unusually early thaw and our streets are running with water. I suppose the snow has nearly disappeared from your neighbourhoods. For ourselves we have been in considerable sorrow since I last wrote to you, Mr. Murrow having heard about a month ago of the death of her mother. I one months ago we learnt that she had been dangerously ill but she had become so much better that at last we were completely taken by surprise. Will you wanted stand regard to Mr. Gray and yourself

Believe me

Yours very sincerely

William Marcio

Wright's Miscellaneous Collections.

Cuba.

No. 732 is Olyra pauciflora. Sw. Leptaxne axillaris Nees.

747 is Panicum maculatum Aublet. P. latifolium Prin. but not of Linn: fide A. Gray.

734 = Aristida (Chaetaria) bromoides H.K.

737. = Aristida (Chaetaria) cognata Prin: a var with the flowers slightly twisted towards the top.

Nicaragua.

1. Paspalum conjugatum Berg: and Prin:
2. P. platycaule Poir var complanatum N. ab: E.
3. Panicum (Digitaria) sanguinalis. L. var var pubiculum Pers.
4. P. amplexicaule Rudge and Prin: Hymenachne myurus H. de B.
5. P. dichotomum. Linn: not P. hirtum which has both glumes as long as the palea
6. P. pilosum Sw: and Prin:
7. Eragrostis ciliaris Link & Prin: Poa ciliaris. Linn: Eragrostis viscosa. Nab: E.
8. E. reptans Nees. Poa reptans Michx.
9. Ischaemum latifolium Kunth. Spodiopogon latifolius Nab: E.

Behrings Straits.

1. Phleum alpinum. L
2. Hierochloe alpina. R. et Sch.
3. Phippsia algida R. Br.

Behrings Straits

4. Calpodium latifolium N. Mr. Ardagerotis latifolia. Led.
A true Cinna in my opinion
5. C. pilosum Gris: or Led. quite a different genus from the preceding.
6. Calamagrostis (Deyeuxia) stricta Pinn. or perhaps a variety of strigosa with the stem glabrous towards the top.
7. C. (D.) deschampsioides Pin:
8. C. (D.) Nutkaensis Prest.
9. Deschampsia caespitosa P. de B. one specimen has four flowers in the spicula.
10. A small state of the preceding and not I think the mere var: which N. Mr: called D. brevifolia.
11. Dupontia Fischeri N. Mr. Frequently with only one flower in the spicula.
12. Trisetum subspicatum P. de B.
13. Poa caesia Sm: with the stem scabrous towards the top as is the case in P. Balfouri Parn: but both of these are placed and probably correctly so by Bentham as synonyms of P. nemoralis.
14. P. stenantha Pin: with the appearance of P. pratensis L.
15. P. nemoralis. L.
16. P. arctica N. Mr: The larger specimens are I believe the same.
17. Glyceria arctica Hook.
18. Atropis distans Led: an unusually diverse state
19. A. angustata Gris: Poa angustata N. Mr.
20. Festuca ovina. L. vivipara. P. brevifolia is merely a form of this with almost a simple raceme.
21. P. scabrella. Pon:
22. Elymus mollis Pin.

not be involved in this wicked war, still I feel thoroughly persuaded that our wisest policy is to be thoroughly prepared in every way. I have heard little or nothing of our botanical friends at home of late.

With my kindest regard to Mrs. Gray and yourself

Believe me

Yours very sincerely

William Murray

Montreal
June 25th 1859.

My dear Dr. Gray,

In consequence of Sir William Eyre leaving this country on account of ill health I have been in command of the troops in Canada since the end of last month and consequently have been away from Quebec. I took a short run down there this week and found the parcel which you were good enough to

send me with the note of the 4th Instant.
I found time to [illegible] read over the Japan
memoir and was much interested in the
conclusions you arrive at regarding the dis-
tribution of species. I had merely time to
look hastily over the Venezuelan grasses and
will send you the names when I return. I observed
one Muhlenbergia which appears to me to be new
not any rate from a fresh locality.
I am very sorry indeed to hear that Mrs
Gray has been so unwell and hope that our
slowly approaching summer may do her
good. I forwarded her letter to my sister
by the last mail to England.
I had fully intended to have endeavoured this
month to [illegible] you a visit at Cambridge
but my command has kept me occupied
in other ways. I hope after Sir Benjamin
Williams arrival I shall be a comparatively
free man and will lose no time in making my
long wished for visit to your part of the world.
Mrs Munro will not, I am sorry to say be
able to accompany [illegible] We fully intend spending
the ensuing winter in England. Mrs Munro
suffered so much last winter and her
father is so very anxious to see her and I
confess that I am so heartily tired of the long
Canadian winter that [illegible] conspire to tempt us
to run away from next winter's snow. I
am now inclined to believe that England will

for some two or three or perhaps more
months acting Governorship for the latter
appointment the pay is Good. We shall
most probably leave for Kennedie on Sunday
next. With very kind regard to Mr.
Gray and yourself and with numerous
apologies for this hurried scrawl for on
such occasions I have to arrange the
private and further affairs of whereof
of 1000 persons

Believe me,
Yours very sincerely
William Mannio.

Quebec. Canada. C.
September 21st 1859.

My dear Dr Gray,

I had just begun a
note to say that Mr. Mannio had
progressed so rapidly and so satisfac-
torily after presently me with a third
son that I hoped to have run down this
Last Monday to pay my long wished
for visit to yourself and Boston generally.
when I received orders that the Himalaya

was to be sent out immediately
to take us to Bermuda and I believe
she is now actually coming up the
river to carry us all off. It is a sad dis:
appointment to myself as I have had
my full share of warm climates and
wished much to pass the remainder of my
time in comparatively cool climes and
moreover I am extremely sorry to go away
and to have seen so little of the States
but I much endeavour to do that by
coming across to N. York from which I
believe there is pretty constant commu:
nication with Bermuda. — Can you tell
me if there is anything published on the
Botany of Bermuda. — I have sent off
by express the two books which I had of
yours and from which I have derived
so much advantage and I hope they will
reach you safely. I also enclose with this
a narrow list of Venezuelan Grasses that
you sent me from Fendler. I have been so extremely
busy that I have been nearly worn out. Our
little child was only born on the 6th so that
he will begin his travels very soon. Do
sometimes take pity on me and let me have
a letter now and then to Bermuda. I
shall be there in command of the Forces and

the state of his wife's health and I am
afraid it is an affection of the brain. Have
you with have heard is going to be married
to an old love and writes very hopefully on the
subject. Shoppe and Mr Gray have both
enjoyed good health since that heard for
you. Mr Munro and my poorest sister
were very unwell at Bermuda and I was
very anxious what then but I am thankful
to say that Ireland has done much for them and
they are both now perfectly well. I also tell
my sister who other books after Boston took perfectly
well, I am now returning to my little Island
Command at Bermuda for I suppose at least two years to
come. — Both my kindest regards to Mr
Gray and yourself. Believe me
Yours very sincerely
William Munro

Ship Niagara
March 9th 1861.

My dear Dr Gray,

I gladly avail
myself of the opportunity of a fellow
passenger who is an acquaintance of
yours who to send a few lines to you. Mr
Cortlidge of Boston a very agreeable compa-
nion has travelled with us from England
and in talking over some of the Quarters I have
made in Boston he stated he was acquainted
with you. Mr Cortlidge is kindly going to

send me by this steamer when she
leaves Boston a copy of the American Review
containing an article on the celebrated Grounds
and Reviews which has attracted so very
much attention and I should perhaps be [illegible]
kindly also send me a copy of that part of the
Proceedings of the American Academy which
contains the description the new grasses collected
by Wright. I saw a copy at Kew but have
none of my own and I am now very anxious
to proceed as fast as possible with some section
of the Gramineae. I have been every 10 months
in England and have really worked very hard
at grasses. I did not know what an herculean
Task I had undertaken in clearing up this
synonymy. I saw much of the Hooker and
which live at Kew for 8 months to study. I
did not however see Lady Hooker who I
fear is a very great sufferer. Joseph Hooker
was really worn-out and looked very
hazard before he left to Syria but returned
very much the better and I left him with
what three months' work before him in curing
the crosses of the Hookerian Herbarium
at his father's request. Bentham sent me
a copy of his Kingdom Plan the day before
I sailed and I have been looking over it on
board. Bentham is much distressed at

St Georges
Bermuda
April 20th 1861.

My dear Dr Gray,

Very many thanks for your kind letter of the 15th and the accompanying brochures and pocket which I value much. I have been so much occupied since my return that I have not yet examined carefully the scrap of Graphophonus which however I do not at first recognize as having

seen before. Indeed I have been so much
pushed to the last moments by public
letters that I am obliged to write in a
great hurry to save the steamer. My
principal object is unity at once
after thanking you for your letter and forward
it to say that I shall be happy to
take Fordhers full set of Venezuelan
Grasses or any of his other grasses at
any price that you may think correct
and I will send the money as soon as

I can ascertain the amount which I
shall certainly be able to do on here
York. There are two ways of sending
parcels to me here one by Cunards
Comb^y via Halifax very slow & very
uncertain. To other this Mess Smith
Jones and Co 40 Exchange Place
N. Y. to their correspondents here
Mess Trotter & Atwood. I am sorry to
conclude on such a hurry but the
Sergeant has come for my letters.
Mr Munro joins me a third regards
and

Believe me
Yours very sincerely
William Munro

the affairs between the North and South do not seem likely to mend. I was always fearful that with the American temperament actual compulsion could not be accomplished without sad losses and suffering on both sides. I suppose nobody living can see how it will finally terminate. This much I imagine will be proved that every country must have a standing army whether it be a republic or a monarchy. Most heartily do I wish that it would please God to terminate this unfortunate unnatural struggle. Mr. Munro begs to join me in very kind regards to Mr. Gray and yourself and hoping that you are both well.

Believe me
Your very sincerely
Adrian Munro

Bermuda
August 9th 1861.

My dear Dr. Gray,

I had the pleasure of receiving your note mentioning the despatch of Pendleton Grammaire which also reached me in good order some little time ago. I have taken advantage of a gentleman going home to Boston via Halifax to send the 18 dollars 80/100

what you mentioned as the price
of the set. I have looked over the
Grasses but do not at present see
anything very new. I have however
been occupied in adding to my bonus
what everything is out of order and
I could not get at anything to examine
carefully. I was anxious to get the ad-
vantage of the new rooms by the arrival
of the hot weather and have with great
exertion succeeded. All my children
have suffered to certain extent from
this their first hot season in Norwood.

and I was very desirous to get better
accommodation for their sakes. Not
this has prevented me from doing anything
botanically. You shall however I hope
soon have an enumeration of Pestilent
grasses. You will have grieved much
to see the death of Henslow. In addition
to the loss of a kind friend I almost fear
his death will affect Joseph Hooker's
pecuniary position. I have set down hard
the good luck to such a person I liked
more than Henslow. He was a clever ingenious
modest excellent man of the most delightful
temper. — I am sadly sorry to see that

Bermuda
June 30th 1863.

My dear Dr Gray.

I have only this minute heard from Dr Rein who has been for some time a tutor in the Governor's family of Bermuda but also is a highly accomplished German gentleman and very good botanist. He has entered visiting Boston and is

desirous of an introduction to
you. Pray allow me to do so and
Sir, I be most obliged for any
attention you can show him. The
Steamer starts for Halifax immediately
and I have only time to add my
very kind regard to Mr Gray
and yourself and

Believe me
Yours very sincerely
William Munn

working away as hard and continuously as
ever at the Australian Pitcher. Hooker's tree is
now very much overfired by the garden work
and although he cannot that he cannot devote
so much time to Botany I am sure the outdoor
occupation is very desirable for his health.
I have left my requests now for some months
hard as I expect very shortly to become a
Major General. I have therefore now more leisure
and have been working very hard at Grammatica.
I am trying to prevent mean to come of Aldershot
in a house that I think when my requests were
quartered here and that suits me very well as
I am within an hour of London. Kay remember
me to Mr Thurbin and any other friends who
may well at and with very warm feelings of
third regards to yourself and Mrs Gray

Believe me,
Yours very sincerely
William Mercer

Mapperton Lodge,
Farnboro' Road,
Hants.

November 23rd 1866.

My dear Sir,

Dr Hooker two or three
days ago sent me your message about the
grasses of Wilkes expedition. I am very glad
of this opportunity to renew our correspondence
now interrupted for so long a time I really do
not know whose fault it is but I think I
wrote the last letter and really I have had no
reason for ceasing to write. However as that may
be I will begin again and hope you will follow
suit. I shall be very happy to undertake Wilkes
grasses if you will send them to me and will

complete them with as little delay as possible. I have been mostly very busy with the Bombaceae which now amounts to which 1700 species a number that I suppose will be astonished you as it did me. I [illegible] to paper at the last meeting of the Linnean Society, and I believe it will be published shortly. I wish I had written to you to ask if you have any you wished worked up as perhaps you may have one. I have not seen all of course. I have aimed to ask the Hooks' Herb. British Museum &c. but results of these are very not in Magellan or S. American plants generally. I should you have any and would wish to have them worked up they would if

some sort be doubtless still in time to compare with the other species before the paper passes thru' the press. There are several species in the same but much of that. Only three of one species in the whole of N. America, namely Cumulinaria, Macrospermum and there is not one in the whole of Europe and perhaps only 1 or 2 in Africa.

I hope Mrs Gray is quite well pray offer her very very kind regards. My wife who never forgets yours and Mrs Gray's kindness to her at Boston was paying us a short visit a little time ago and is now at Torquay where our dear mutual friend Mr Harvey died not long ago. You must have lamented his death much Mr Harvey never made a friend without making that friend love him. Bentham is

they are all the same [illegible] to [illegible] any such distinction as the structure of the [illegible] is the same as all [illegible] from [illegible]. I have [illegible] [illegible] for [illegible] [illegible] I have [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] Pennsylvanian [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Polynesian [illegible] [illegible] Grammar [illegible] [illegible]

Mapperton Lodge,
Farnboro' Road,
Hants.

February 12 1867.

My dear Dr. Gray,

Your letter of the 1st Dec. reached me in due course but [illegible] found me in the deepest [illegible] at the heaviest loss which it has pleased God to afflict upon me — [illegible] [illegible] [illegible] of our afflictions [illegible] by [illegible] 10 years and a half [illegible] [illegible] [illegible] at [illegible] [illegible] Clifton [illegible] [illegible], [illegible] little fellow, [illegible] [illegible] [illegible] [illegible] his [illegible] illness [illegible] [illegible] his [illegible] [illegible] [illegible] [illegible]

On Wednesday as he had a cold. The following
day however [illegible] there a letter to say that
the dear child "had fever" and the doctor had been
[illegible] to come to him at once [illegible]
to some [illegible]. His mother [illegible] and
[illegible] him in 5 hours [illegible]
[illegible] delirious and died [illegible]
his mother. Two days afterwards [illegible]
[illegible] of [illegible] which he [illegible] and [illegible]
2nd [illegible]
[illegible] and [illegible] deprived [illegible] in [illegible]
[illegible] of the [illegible] happiness of [illegible]
[illegible] affection and [illegible]. [illegible]
[illegible]
[illegible] illnesses. [illegible]
all and in addition [illegible]
[illegible] 10 days
[illegible]
[illegible]

[illegible]
[illegible] children [illegible]
weeks [illegible] of [illegible]
[illegible] and [illegible]
[illegible]
[illegible] anything. [illegible]
[illegible] and [illegible]
[illegible]
[illegible] and [illegible]
[illegible] of [illegible]
[illegible]. They have [illegible]
[illegible] of them [illegible] been [illegible]
[illegible] and [illegible]
[illegible] of [illegible]
[illegible]
[illegible]
[illegible] of the [illegible] of [illegible]
[illegible] of [illegible]
[illegible] and [illegible]

inside from the Sea. Another Bundle has a label
"Pinto Pejoral vicinity California de Pegoyac"
and contains none from California. Another is marked
"No 999. Mt. Cub: long Mines" & contains nothing from
Cuba. Another has a label from "Texas to El Paso"
& nothing from Texas. I fear the grasses seem to be
altogether from Wether Cuba & the rest to have
I am dissatisfied over from our herbarium. Whereas
the genera cover attached to the outside cover
are all built in from a note in your writing attached
to our showers. When next you send any grasses
I should be most obliged if you would send me a
specimen of Graphephorum as I do not find it
all certain that I know the plant.
I am very sorry to learn from your letter that
Mrs. Gray has not been well. Please offer her
my very kindest regards. I am on to see I believe
how her sympathies in my sad bereavement
and hurting that I may be a better [illegible] when

Sheet's with an [illegible] [illegible] [illegible] [illegible]
with to yourself and Mr. Gray.

Believe me,

Yours very sincerely

William Menzies.

well. Please give her my kind regards and with the same to yourself.

Believe me

Yours very sincerely

William Munro

Mapperton Lodge,
Farnboro' Road,
Hants.

November 13th
1868

My dear Dr. Gray,

I have the pleasure of sending you a fair copy of the list of Bottom's Mexican grammes and also small specimens of all marked with a X in the list, which are those you expressed a wish for.

They are both small specimens but that is all you ~~expressed a~~ said you wish for me to send. I sent yesterday two copies of any memoirs on Bamboo. One of which I hope you will honor by placing on your book shelves and the other please send to Mr Thurber whenever an opportunity may present itself. I have entered a short list of some of Wright's Cuban grasses which were yet amongst those sent to me and which I should feel obliged to him to send me specimens of, if he should collect them again in his future wanderings. I presume that the time for your departure for warmer climes is fast approaching. I sincerely hope that the change may do Mrs Gray much good and that we may have the pleasure of seeing her next summer quite

collated them with the specimens for early collections in the British Museum. I presume by your notes that you have actually seen the specimens collected in Freycinet's voyage and named by Gaudichaud. There appears to be considerable confusion about the nomenclature of some of the species of Panicum.

Mr. Munro begs to give me a kind regards to Mr. Gray and yourself and

Believe me

Yours very sincerely

William Munro

Mapperton Lodge,
Farnboro' Road,
Hants.

October 28th
1869.

My dear Dr. Gray,

I was very sorry to have missed seeing you at the Hooker. One of my principal objects in going up was to see you and I could quite as well have come up any other day but I thought that Hooker had quite arranged matters

so that we could meet at his house. I believe it is settled that I am to have the pleasure of meeting you at Bentham on the 4th. I was especially desirous of trying to persuade you and Mr. Gray to give us a day or two down here before you returns to Boston. Can you possibly arrange this? If so it will give Mr. Manns and myself much pleasure. If you cannot come down for a night or two perhaps you and Mr. Gray and your nieces,

who I believe are with you, would come down here for the day and see our camp &c. By coming by an early train you could have a good long day and after dining with us return easily to Keno at 10 o'clock of hits at night. We are very easily reached here from Keno and I think there is much that would interest you about here. Come if you possibly can. — I will finish off the Sandwich Island grasses with as little delay as possible as I have now carefully examined them all and

Mapperton Lodge,
Farnboro' Road,
Hants.

November 4th 1869.

My dear Dr. Gray,

According to promise I have the pleasure of sending you one of my photographs taken in my General Uniform. My friends generally do not think it a very flattering one but that is I suppose my own fault and I take it with a grain of

occasionally recalling the moment
to your memory. I have a wire one
of your lots if Mrs. Gray bear me
to speak of herself I should be
much obliged for it. With very
kind regards and wishing you a
very pleasant passage and a happy
reunion with all your friends in
Boston

Believe me
Very sincerely yours
William Macrio

a short time ago to make the acquaintance
for the first time of Professor Agassiz who called
in at Barbados on his scientific exploring
tour. I congratulate you on having such a bright
genial hearted Conference and hope we shall
have the pleasure of meeting again. I am all the
soldiering not little and am trying to work up
the Patent which I do not find in at all good
order. Is there anything I can do for you in
these glorious Botanical regions. If I can
pray command my services Mrs Munro
is visiting Jamaica with me this time as I was
very desirous that she should see this beautiful
island. I think Mrs Gray is quite well pray
offer her my very kind regards and with
the same to yourself

Believe me
Yours very sincerely
William Munro

My address is
Major General Munro
C.B.
Comg Troops in West Indies
Hd Quarters.
Barbados

Jamaica
March 7th 1872

My dear Dr Gray,

I act as I was
leaving Barbados on my tour of inspection
of the various Islands under my command
I received a few hurried lines from Hooker
enclosing a note, the address of which, I see, is
in your handwriting, covering a note from
Mrs Munro – I see that lady writes from
Cambridge and therefore I shall be much
obliged if you will kindly let her know
that I am at present visiting the various
Islands but as soon as I return to

Barbadoes I will look up the grasses collected by her son work up the few new species and send the whole collection to you. There are some few specimens belonging to your Herbarium with the others, which shall be returned at the same time. Each time we correspond a fresh locality for myself appears to be adopted but such is the career of no soldiers. I am at present in command of the whole of the Troops in the West Indies with my Head Quarters at Barbadoes – I am now visiting Jamaica and probably Honduras and the Bahamas and shall be back by the end of April a beginning of May. Although a stone going Gorrah I have to travel about a great deal for nearly four months out of 12 but that you will believe is no punishment to me with my proclivities – By the way it strikes me that I have no grasses belonging to Mr Mann except the Sandwich Island ones, but if I find there are any others they shall be returned. – Hooker writes in rather low spirits about his gardens with Mr Ayrton over anything but gentlemanlike Commission of Public Works who unfortunately has the charge of Kew Gardens. – I was extremely delighted

generally in excellent order. I am very
well have heard that I have undertaken at
De Candolle's request to undertake a general
work on the Gymnosis to be published in the
style of the monographs just published. Alone
I never will accuse certainly too and
perhaps I volume. At present I am very
hard at work at the Parsiceae and especially
at the Genera Parsiceae, ~~[illegible]~~ Creachtes and other
Genera. I shall be glad indeed of any specimens
of any species which you think I may probably
not have seen and if you can be sent them would
name any of your unnamed species. I have all
the New species also all belonging to D'C's Herbarium

Montys Court,
Taunton.

September 20th
1878

My dear Dr Gray,

I should like very
much to renew our pleasant corres-
pondence altho' I fear several years have
~~passed~~ gone by since any letters passed between
us. I have at last pushed all your
Sandwich Island grasses and have dis-
patched them to you, named, by Mr Jaimes
of Boston whose acquaintance I had
the pleasure of making in this neighbourhood

I heard from him this morning to say that the parcel had reached him and would be taken out. I enclose a list of the names of all the grasses and I think I have placed a description of all the new species on the sheets of the new species and have indeed given a summary of all I know about the Havana grasses. I have on our instead sent to Kew duplicates. I sent on could be spared and on will find a remark to that effect placed against such species as there were duplicates of. Dr Hillebrand has also sent me his collection of the Sandw. Isl. grasses except the Panicus which he has mislaid and he wishes to know if I will give him the name of any new species which are not on his collection but I have written to him to say that I cannot do so without your permission as I had unfortunately delayed the publication of Manni grasses. For many years I have travelled about so much that I have constantly been obliged to pack up my grasses and could scarcely undertake any continuous work. Now I have a more large house with abundance of room and am able to have my collection well and accessibly arranged. I have this several bundles of Wilkes Collection belonging to you which I will work up by degrees, and return the names. I am glad to find that they

and they are very kind in sending me
specimens for comparison

Montys Court,
Taunton.

from Paris. & Boston. It is a very great
undertaking and I am working very hard at
it. There are some few species that I see
mentioned in your and Chapman Flora of the
S. U. States that I do not feel quite certain
about and of what I should be glad ever specimen
for comparison They are.

Paspalum digitaria what I believe to be
P. furcatum Pluegn
P. racemulosum Nutt.
P. Blodgettii
Amphicarpum floridanum
Panicum? mollis Mahr
P. gymnocarpum Elliott

I suppose you have not got a set of LeConte's Paspalum collected in the S. States and described in the Gl. Vol. of the Soirée de Physique. Has Mr Thurber written anything recently about grasses. The last paper I have is the description or rather names of some grasses in a paper of mine on the Plants collected in the Colorado Country in 1862 for the Proceedings of the Academy of Nat. Sciences of Philadelphia. I should be very glad to know the addresses of Mr Thurber and renew my ~~[illegible]~~ correspondence with him and Mr Wright if he is still recruiting all Botany — I have now written you such a big letter that I will not affect any more or you — and will only ask you to offer any very kind regards to Mr Gray and with the same to yourself

Believe me
Yours sincerely
William Munro

I am sure my sister would join in sending her kind regards of the kind I was writing

I have not seen the following number of Wright's Cuban Plants and should be obliged for them at any future time

Wright 1554 – Arthrostylidium fastidiatum
738 – Arth: capillifolium
3425 = Cragnostis exulsa Gen.
1534 Olyra pinnata Lor:
1551 Triumfus simplex
Paspalum alternifloram Rub
3448 Digitaria pulchella Gen:
3452 Panicum distantiflorum Rub.
Panicum exiguiflorum
3479 Arundinella phragmatoides
1552 A. Cubensis

Name and number taken for Crisebach Catal: Plan: Cub:

Wm. Chemin

Get these for Gen Mem

Please return to Prof A Gray

Pendleis Venezuelan Grasses.

No. ×1619. Panicum maculatum Aubl: P. latifolium L. fide Prin. non fide A. Gray

×1644. Setaria scandens Schrad var: S. tenuissima Schrad.

×1651. Diectomis fastigiata H.B.K. not P. de B. which is a species of Aphloda

×1667. Muehlenbergia implicata Pur (Trixius)

×1696. Paspalum pallidum H.B.K.

×1701. Eragrostis delicatula Pur: an E. pilosa et E. pectinacea forma

×1705. Oplismenus Burmanni. P. de B. = O. Humboldtianus. L. ab E.

×1706. Eriochloa distachya Kunth = Helopus hachystachys Pur.

×1735. Eleusine Indica Gaertn

×1773. Pan: (Digitaria) sanguinale. L.

×2499. Pan: brevifolium L. et Pur: = P. trichoides Sw: et K.th

×2502. Pan: cyanescens: L. ab: E. var minor.

×2508. Pan: (Schnauthus) nemorosum Sw: var fol: angustis

×2513. Eutriana. prope E. aristidoides sed differt.

×2515. Diectomis prope D. laxa. L. ab: E

×2516. Andropogon (Amphilophis) sp: nondum descripta sed vix nova.

×2518. Androp: (Schizachyrium) brevifolium Sw

×2520 Aristida capillacea Lam:

×2526. Zeugites Americana Peter Br: var pilosis apice hirsutis

×2527. Eragrostis Maypurensis. H.B.K.

Pendleis Venezuelan Grasses.

No. 2531. Cutuara cuitipendula, var aristosa? A. Gray.
× 2532. Panicum (Schnauthus) candicans. Nat. E.
× 2535 Pani (Harpechloa) decumbens N. et Sch.
× 2534. Paspalum serpens Nat. E.
× 2540. No. 2532 formâ vivipara.
× 2541. Agrostis perennans. Walt.

2500
350
70
4 85
2924 85

2912 80
58 95
3 85

300 ½ m. 29 / 30 / 125 12:7 - 1/5
60
120

166.

1/5 12

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Virginia--G. F. B. Leighton, Norfolk.
Wisconsin--J. M. Smith, Green Bay.

Denison, Texas, Nov. 26- 1887

Dr. Asa Gray,
Cambridge, Mass.

Dear Sir:—

In reply to your greatly esteemed favor of 23rd, would say that I have just completed a treatise upon the native grapes of the U.S. accompanied by some 54 plates of specimens, showing all our species at present certainly known. In the treatise I give very full specific descriptions, so as to enable even intelligent vineyardists to identify each species.

I sent the entire work to the Department of Agriculture a few days ago, being employed to prepare it especially for the Department, and with it went my best specimens. Next I made up a series of specimens for Dr. Viala, taking my next best specimens. Still I have some specimens mounted for the purpose of having photographed, but not so fully representative as the Department collections. I have also a photograph of seeds of nearly all the species, which I will be happy to send you, with such plates of specimens as I have, but would prefer if you could see my manuscript and specimens at Washington. As it will require considerable time

for the artists to engrave the plates, the manuscript in the mean time might be loaned by the Dep't mt. If you desire it, I will write, asking if the manuscript can be loaned you for a season.

I have the original, written carelessly with a pencil, on rough paper, and not presentable, besides the revisions, and corrections are lacking, and it would not do to send abroad, unless you could excuse the rough matter. Owing to my busy season being upon me, I cannot write out new descriptions, such as I should like to send, but will try and send my description of V. Texana, V. Doaniana, V. Dimpsoni, V. Munsoniana, and V. Novo Mexicana, at my earliest opportunity to write them out, or if you do not object to my original descriptions in pencil made with specimen in hand and under the glass, I will send them, and I shall send you a series of plates, unless you can some way be accommodated with the matter at Washington which furnishes best data.

Sorry I am entirely out of specimens of V. Doaniana. As I have all the species now growing in my grounds, next season I could get up a series of better specimens than I have at present.

I have long been hoping for an early completion of your Flora of North America, and that I might be able to secure a copy when published. How soon may we look for the completion, and then who will furnish the work?

From what I have said above about grapes, please let me know what you would like me to do to aid you, ~~if possible~~, with them, and I shall do the best I can,

Very Respectfully

T. V. Munson

OFFICE OF
T. V. MUNSON'S
DENISON NURSERIES,
P. O. BOX 508.

Denison, Texas, 3 — 2 — 1888

Sereno Watson, Curator, Herb. of Harvard Univ.
Cambridge, Mass.

My Dear Sir:— In reply to yours of Jany 12th, received in my absence in Calif. for 5 weeks, Please excuse delay.

It was a deplorable stroke to the work of our "N. Am. Flora", — that paralysis and death of Dr. Gray. I hope he left matters in such shape that others can push it to completion on the plan mapped out by himself.

While in Calif. I visited nearly every section of the State and still am more confirmed in my views that at least two forms should be recognized there among native Vitis, as worthy specific distinction, as indicated in my work for the Dept. of Agr. rather than include all under Benthams V. Californica. I ventured a new species for the S. Cal. form, naming it V. Girdiana, in honor of Mr. H. H. Gird, who sent me first specimens from San Diego Co.

In the study of the genus for 6 years past, I have had occasion to collect specimens from every section of the U.S. & B. America where Vitis is known to grow, as also to visit many sections myself to observe habits, preference for soils, &c, and have grown in my own grounds plants from seed of nearly every species, studying them carefully through their stages of growth, thus preparing myself to form mature judgment. It is certain that all our species freely intermingle naturally when growing near each other, as I have certainly found hybrid forms of nearly all, and of some very many mixtures with others. This renders their specific separation extremely difficult, and makes extent of natural distribution of certain forms, time of vernation inflorescence, and ripening play important parts in specific determination, yet ever remembering structural characteristics of prime consideration. Prof. Viala studied some of my specimens, and my specific arrangement, but of course could not in so short a time appreciate the determining influence of growing plants by

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P. O. BOX 508.

Denison, Texas, _____ 188

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In reply to yours of _____

the hundred from seed and otherwise, as I have had occasion to do, Planchons classification is too artificial entirely and distorts the natural relationships often, though it may appear very scientific in the form of an analytical key. Yet he has done splendidly considering his small actual study of our species in their habitats.

Whoever prepares Vitis for the "N. Am. Flora", I hope will consult my manuscript or work, prepared for the Dept. of Agr, as in it is embodied a full, and most painstaking exhaustive description of each form worthy to be considered of specific importance in N. Am. (excepting Mexico & Cent. Am), accompanied by representative specimens from many regions, of each species.

I do not claim the work

to be perfect, but that it fits the facts better than any classification yet prepared.

I think I can say this without the least self-esteem either, simply as conclusions on more extensive collections and observations than heretofore made. I am still pursuing the study of the genus, more with reference to viticulture than for a purely scientific purpose, yet observing strictly scientific methods of study and arrangement. Any aid I may be able to extend to the one who works up Vitis for the "Flora", will be most freely extended. Likewise I shall be thankful to Dr Gray for specimens and facts to further my study.

I hope the photograph of seeds as well as the specimens I sent Dr. Gray, were received; and will be of some use, in working up Vitis, but a study of my specimens and manuscript sent to Washington will be far ~~more~~ fuller and more satisfactory.

Sincerely Yours

T. V. Munson

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ORGANIZED 1880. MEMBERSHIP FEE, $2.00.

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Wisconsin--J. M. Smith, Green Bay.

Denison, Texas, 4—3— 1888

Sereno Watson, Curator of the Herbarium,
Cambridge University.

My Dear Sir:—

I now have a type-written (prepared by the Dept. of Agr.) copy of my monograph of Native American Grapes, which I have corrected. It will be some months before the Department of Agriculture will be prepared to publish it, and I can let you have it a few days or a week, to make copy of, or extracts from, in preparing Vitis for N. Am. Flora, providing I get permission from the Comr, to send to you. Do you wish the copy? I can so pack it that it will be carried in good order. From Cambridge you could send it direct to Washington. If work on Vitis for the "Flora" is to be done soon, it might be advantageous to both my monograph and the Flora, to thus have a harmony of treatment, or at least understanding. I desire my monograph to be in accord with the Flora scientifically, though its viticultural aspect is of chief importance to the Department.

As the Department will give it large circulation it is important that its scientific aspect should also be very carefully made up. So by having the monograph review-

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Virginia--G. F. B. Leighton, Norfolk.
Wisconsin--J. M. Smith, Green Bay.

Denison, Texas, 188

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ed by the one who prepares Vitis for the Flora, he could lend me suggestions whereby I would be enabled to advantageously amend my work before it goes to the public.

Very respectfully,

T. V. Munson.

GRAY HERBARIUM,
HARVARD
UNIVERSITY.

Vinita Home,
South Merrick Avenue,

Denison, Texas, Oct. 18th 1889

Dr. Sereno Watson,
Cambridge, Mass.

My Dear Sir:—

On my arival home I find some vines of V. Munsoniana (J. H. Simpson) quite full of ripe fruit. It is so entirely distinct, and of this uniform character all throu S. Fl. from wherever I have seen specimens that I am compelled to recognize it as a species, or else several recognized species, to be consistent, should be reduced to varieties.

I mail you fresh specimens of V. Munsoniana, today so you can have the satisfaction of examening for yourself.

I find it differing as follows from V. rotundifolia. Mx.

V. Munsoniana has a more dwarfish, slender growth, is evergreen in S. Fla. where V. rotund. is deciduous, is a continuous fruiter, the leaves are smaller with fewer larger teeth,

HERBARIUM,
HARVARD
UNIVERSITY

Vinita Home,

South Merrick Avenue,

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Denison, Texas, ... 18

The clusters have more berries generally; the berries are persistent much smaller, of a shining black color with no pulp but a very sweet juice, and skin thin. Seeds very small. Flavor of berry not musky as in V. rotund, and possessed of a different flavor, otherwise V. rotundifolia, generally, has very large berries, which drop as soon as ripe, thick skin, of a dull black color, quite pulpy, and musky. Seeds very large. Doubtless there are intermediate forms, as we find among all the species where they come much in contact naturally.

I found a fair collection of specimens of Vitis in the Acad. of Sci, in Phila, a much larger and better in Dr. Vasey's care, a few in the Natl. Museum, care Dr. Ward, and in Shaw's School of Botany Dr. Engelmann's collection is greater in extent than all the others combined, rivaling my own, in specimens of Am. species. I went via. Va. W. Va. Ky. Ind. Ill, to St. Louis, At Kanawha Falls W. Va. where Prof. H. E. Van Deman got the

GRAY HERBARIUM, HARVARD UNIVERSITY

Vinita Home,

South Merrick Avenue,

3

Denison, Texas, 18

peculiar form I called your attention to, under V. Van Demani, I found the identical vine, and it is a peculiar, round-leaved V. cordifolia. In that region I found V. bicolor, Leconte, V. cordifolia, and a very few V. cinerea. Nowhere West of the mountains did I find the true V. aestivalis, Mx, or V. Labrusca, L. but E. of the Mts, in Va, I found V. aestivalis, Mx, V. Labrusca, V. cordifolia, but no true V. bicolo.

In Dr. Vasey's collection were two specimens of V. rupestris. I am quite certain, found not far from Washington, in sand-beds along the Potomac. This carries that species farther east than yet noted by others. I shall have the matter further examined. It is quite remarkable, how V. rupestris extends in a narrow belt through Tenn, Mo. N. W. Ark, N.E. Ind. Ter, then jumps to S. W. Tex. The species has no distribution N. or S. from that line beyond the hilly region ("Azark Mts" in Mo. & Ark, & "Cumb. Ridge" Tenn

GRAY HERBARIUM,
HARVARD
UNIVERSITY

Vinita Home,

South Merrick Avenue,

4

Denison, Texas,

18

beds of streams in the and hilly cretaceous formation in S.W. Tex.

I had a very pleasant journey home.

Please present my kind respects to Mrs. Watson, and allow me to again assure you of my gratitude for kind attentions while in Cambridge.

Very respectfully

F. V. Munson

OFFICE OF
T. V. MUNSON'S
Denison Nurseries.

Drawer M.

Munson

Denison, Texas, 11-16 — 1891

Dr. Serena Watson
Cambridge Mass.

My Dear Sir, In reply to yours ~~of~~ giving name of the Rhus that had been sold by a nurseryman for Pecan, I thank you sincerely.

Now I come again, though I had not expected to trouble you so soon again. One of my old correspondents in Sanpasas Co. Texas, quite a fair amateur botanist, sends me a leaf of a Buckeye occasionally found in that region having 6 to 12 leaflets, ~~s~~smooth fruit (spiearp) and grows into a fair sized tree, I cannot find it described in any work of reference I have,

My friend also sends me a branch from a shrub, growing in a cedar-brake on the bluffs of the Colorado River in ~~Gollad~~ San Saba Co, Tex, and the only specimen of it he has ever seen, although he is quite

familiar with a large extent of country in that part of Texas. It flowers in Oct & Nov, and is quite handsome. I am unable to name it, but it appears to be nearly allied to Kuhnia and Brickellia.

You will greatly oblige me by giving the names of these two plants. The latter may have more than a passing interest to you.

Very respectfully
J. U. Lemmon

OFFICE OF
T. V. MUNSON'S
Denison Nurseries.

Drawer M.

Denison, Texas. Sept. 4 — 1891

Dr. Sereno Watson,
Cambridge, Mass.

Dear Sir, ~~In reply to yours of~~

To-day I forward you by express a small box, containing grape leaves and fruits of a number of species, as a contribution to the Harvard Herbarium.

Find list of species on opposite side of this sheet. The name of each specimen is written in pencil on outside of paper sack in box, containing the specimen.

These grapes grew near each other in my specimen vineyard, hence the seeds will mostly be hybridized, as I have learned by growing plants from seeds so produced heretofore.

Hoping the specimens may reach you safely and be acceptable, I am

Very respectfully,

T. V. Munson

(over).

Munson

Contents of Box,

	From where obtained
V. rupestris, Scheele,	S. W. Mo.
V. riparia, Mx,	Wis,
V. Solonis, Host. Berol,	N. W. Tex. "Panhandle"
V. Doaniana, Munson,	" " "
V. Champini, Planch,	S. W. Tex, Bell & c Cos.
V. candicans, Engelin,	N. Tex, Grayson Co.
V. coriacea, Shutt,	S. Fla,
V. Labrusca, L,	N. Ca,
V. Bourquiniana, Munson,	Spain,
V. Lincecumii, Buckley,	
Var, glauca, Munson,	S. W. M. & N. Tex,
V. aestivalis, Mx,	N. E. Ga. & S. W. Va,
V. Simpsoni, Munson,	S. Fla,
V. cordifolia, Mx,	N. Tex.
V. cordifolia, var Sempervirens, Munson,	S. Fla.
V. monticola, Buckley,	S. W. Tex, Bell & c Co.
V. Virginiana, Munson,	S. W. Va,
V. Berlandieri, Planch,	S. W. Tex, Bell & c Cos.
V. cinerea, Engelin,	S. E. Ark,
V. cinerea, var Floridana, Munson,	S. W. Fla,
V. Munsoniana, J. H. Simpson,	S. Fla,
V. rotundifolia, Mx,	Car. and Ga,
(V. vulpina, L. (?)).	

(The leaves are wrapped in waxed paper in bottom of sacks.

1 V. cordifolia Shutt,
2 V. Labrusca, L.
3 V. candicans. Eng.
4 V. Champini, Buck,
5 V. Doaniana, Munson.
(The last somewhat has sharp teeth and obtuse sinus).

---

(3) Species having very small or medium obtuse, rusty stipules, thick diaphragms, grow with great difficulty from cuttings, except [illegible] annual wood dark reddish brown, generally having a bluish glaucum near the joints. Germination leafing, blooming, ripening medium to late. Leaves usually tomentous, slightly or deeply 3, 5, or 7 lobed with round deep sinuses, teeth short, [illegible] basal sinus, generally acute at insertion of petiole, young growing tips [illegible] rusty or whitish tomentous, [illegible] small (in 1, 2, 3, 4) to very large (in 5.), cluster medium to large.

1 V. bicolor, Lecoste (leaves [illegible])
2 V. aestivalis Mich.
3 V. Floridiana Mun.
4 V. Californica. Benth
5 V. Lincecumii, Buck

GRAY HERBARIUM,
HARVARD
UNIVERSITY

(4) Species, having rain to tomentous stipules, thick diaphragms, grow poorly from cuttings, wood angled dull gray, or dark brown (in 3) under an ash or rusty pubescence and tomentum, which remains till second year; germination, leafing blooming ripening late to very late, leaves mostly entire with 7 to 9 pairs of ribs, very tomentous ripening, becoming densely covered below with ashy or rusty pubescence, except 1 which is shining, above the surface has arachnoidal hairs appressed, teeth little elevated ~~with~~ convex with a distinct mucron, basal sinus acute, young tips extended, not leafy, whitish or rusty tomentous, berries small to very small, in large to very large compound clusters.

1 V. Berlandieri, Planch.
2 V. cinerea Engel.
3 V. Caribaea, D. C.

(5). Species having [illegible] short slightly ~~in~~ hairy [illegible] thick diaphragms, grow poorly from cuttings, wood hazel color or reddish brown, smooth, [illegible] slightly angled, [illegible] glaucose, germination. Leafing, blooming ripening late to very late, leaves mostly entire smooth and shining on both sides with prominent acute teeth. [illegible] sinus acute (in 1) or obtuse (in 3). (2 is sometimes acute but mostly obtuse) at insertion of petiole; young growing tips extended (not enclosed in partly expanded leaves as in V. riparia &c), and slightly or not at all tomentous. Pinkish, berries small, in small (in 2) to medium and large clusters (in 1).

1+ V. cordifolia Mx.
2 V. monticola, Buckl.
3+ V. rubra, Mx. (Latest of all species to bloom and ripen)

GRAY HERBARIUM,
HARVARD
UNIVERSITY.

Sec. II. Lenticellatae (5)
Munson.

(6)* Species having lenticels on bark, non forking tendrils, cymose cluster, persistent bark, stipules minute, internodes without pith, hence no diaphragms in nodes, ~~see~~ Growing tips very naked.

1 V. Munsoniana, Simpson, Evergreen in Fla, Seeds very small, berries small to med,

2 V. rotundifolia, Mx, Deciduous in S. Fla, Seeds very large berries large to very large,

Notes from memory,
9/25, '89
L. V. Munson

CORNELL UNIVERSITY EXPERIMENT STATION,

I. P. ROBERTS, Director.
H. H. WING, Deputy Director and Sec'y.
E. L. WILLIAMS, Treasurer.

Horticultural Department.
L. H. BAILEY, Professor of Horticulture.

Ithaca, N. Y. Feb. 1st 1889.

Sereno Watson Esq
Botanic Gardens,
Cambridge, Mass.

Dear Sir:—

In some work I am doing in the line of horticulture, I need a copy of the Review of De Candolle's Origin of Cultivated Plants; by Dr. Gray & Dr. Trumbull. Professor Bailey suggests that by writing to you I may get track of a copy. Can you procure one for me?

Very truly yours
W. M. Munson.
Ithaca,
(University) N. Y.

205 5th Avenue
New York
(Prof. Henry)
Feb. 3 –

Dear Dr. Gray

Till this morn I have not had a moment since my arrival at N. York to thank you for your introduction to Mr. & Mrs. Bruce. I like them much, & tomorrow he goes with me to Mr. Schuyler's where I hope to see Washington Irving – I determined to delay my return to Albany till the Gov. & Mr. Seymour went back yesterday, that I might accept Mr. Schuyler's & also spend this day with Professor & Mrs. Renwick –
I have been amused & also interested in New York,

still the pleasures of Cities
& Towns are not as great
for me as those of the
Lakes & Forests — & I long
to find leaves & flowers
again by turning my
Steps Southwards — However
as I have no intention
of coming again to N York
next year, I shall stay
a little longer between
Albany & this place — &
so do not expect to arrive
at Washington before the
middle or end of this
month — On Thursday
The Govr. & Mrs. Seymour
will meet me at
West point — I shall

then return with them to
Albany, & spend two or
three days more here in
my way to Pennsylvania
Baltimore & Washington —
Do you intend to meet
me next year for the
Forest expedition from
Rochester? Governor
Mr. Seymour promise
to join it, & he is even
still better acquainted
with the Northern Lake
& Forests of this State,
than Mr. Dunn — I hope
I shall be drowned going
to Cuba I to prevent such
a charming expedition — Love
to Mrs. Gray — Yrs. sincerely
Amelia M. Murray

grows there? a shrub
very handsome with
pinnatified leaves - Can
it be Bignonia Stans?
I see that your book
names only one - I
never saw this in
the English gardens,
yet it is a very
ornamental thing -
a gentleman at Centre
Harbour declared it
to be a very common
plant but I doubt
him - hear this

The Notch House
(Gibbs?)
Augt. 20th

My dear Dr. Gray -

My route to this
place was changed in
consequence of falling in
with Mr. & Miss Higginson,
Brother & sister of the
Mr. H. who was a
fellow passenger on board
the Canada - As I am
not very partial to either
Coach or Steamer, we
agreed to hire a carriage
between us, so as to
come here via Conway -

we slept there last
night because horses
could not be had,
& I was rather glad
of the pause, for we
had a hot & dusty
drive tho' a pretty
one, by Long Pond &
six mile do — & we
got a very comfortable
conveyance which
was at the door by
six o'clock this morn
to bring us to this
place through very
fine scenery — I could
have fancied myself
in some of the
most picturesque
parts of Scotland if
the trees & shrubs had
not undeceived me —
I admired the scrub
oak, & do not know
which Quercus it
is — after all — I
went up the red
hill with a party!
What Yellow Bignonia
can it be which.

with their company —
kind regards to
Mrs Gray & &
Believe me
Yrs very truly
Amelia McIlwraig.

place I have found
a white Chelone &
a very pretty delicate
little St. Johns Wort —
Miss Higginson tells me
she was a schoolfellow
of Mrs Gray's — I like
her, & also Mr. & Mrs
W. Tickner a cousin
of the historian with
whom I made
acquaintance in the
Steamer on Lake
Winnipissogee, they
Centre Harbour Saturday

& I have fallen in
with them again
here — Tomorrow afternoon
I believe we shall all
go to Tennessee —
I thought myself brave
in going a party of
12, who went up Mt.
Willard this afternoon
in a Chair à bras
drawn by six horses
in hand — we did
get up, & did come
down again without
accident, a marvellous
circumstance — Certainly
no horses ever drew
me up so steep a
mountain before — &
I think none shall
ever do so again!
another party are
going up Mt. Washington
tomorrow, but I do
not mean to attempt
that feat — This house
is very full of people
but they seem to
enjoy the scenery so
I have no fault to

Spencer Wood - Quebec.
Sept. 22

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21
45

My dear Dr. Gray -

I send this by Mrs. Wilson who I think you & Mrs. Gray will like - She was a Clunie Macpherson which you know implies her to be a country woman of mine - & she has had such family sorrows, particularly in the loss of all her children that I know my kind friends at Boston will sympathize with her & do what they can to cheer her residence there - I do not know if you have Calopogon pulchellus in your neighborhood if not, you will like the bulbs I send - I see it must be planted & grow entirely in wet sphagnum, with only a little earth at the bottom of the pot - Have I not been a good correspondent? I hope tomorrow may bring me a letter from -

you I have only had one, since you left me at Alton Bay & I have written from on five times. — The rail road cannot take me after all so I go tomorrow Ed by boat — to Montreal — then to pay a visit 15 miles from thence among the French Canadians — then to see Papineau at Petite Nation — (who I hear is fond of flowers & no rebel now) then to Bytown to see another Scotch acquaintance, from Bytown by Cobourg — & London to Lake Huron, Back by Buffalo & Niagara & Lake George to Albany — then to Lennox if I am not too late for Mr Edwards & Miss D. & afterwards by Connecticut to New York but I cannot I think get to the Connecticut before the middle of October Tell Mr. Doe this if you can hear of him at Boston say that a communication written the beginning of October will catch me at Govr. Seymour's Albany between the 7th & 15th of Oct. I cannot say exactly how long my Niagara tour may require but I imagine not less than 3 weeks from this time — it was the 1st week in Oct. Mr. Doe proposed for my visit to his Sister at Lennox, I shall like to hear if the middle or end of that month will do — & I think through Mr C. Doe you will be able to ascertain for me — I want nothing but more time! tho' I am writing now soon after sun rise & we have been late here with balls & all sorts of gaieties — tonight Lord Elgin gives a farewell entertainment to meet the 71st Highlanders, their regiment embarks in the Cleopatra tomorrow to go down the river, while I ascend it —

Love to Mr. Gray Yours sincerely

Amelia McKeown

Professor A. Gray
Cambridge University
~~Boston~~ Cambridge
Mass.

Spencer Wood
Quebec
Sept. 6th /54

Myder & Gray

I was very glad to get your letter here, & all my boxes safe at Montreal, thanks to your arrangements. As I shall not require much baggage for my trip to Niagara & Chicago (perhaps also to Lake Superior) I have this day written to

to the spirit of timid double dealing which seems as yet, (I am sorry to say) the prevailing characteristic of the representatives here — but I have no doubt they will gain manliness of conduct with more experience of self government — I doubt poor Lord Elgin being able to give them up into new hands until they know better

[illegible]

he says it breaks his heart to garden in a climate where little will grow for 7 months in the year, & where he can do nothing with fruit; he had some little knowledge of botany when he came, but he says want of encouragement & of opportunities for improvement tend to his losing it. Now would there be any good opening for such a young man in your neighborhood next year? I think he is a promising subject who might be made a clean gardener, for he cordially loves plants. I do hope we may time our respective visits to Washington so as to meet there. I hear of a good Southern Botanist at Apachicola in Florida & having an invitation to pay a visit there I shall certainly go & see him. I long to know what you think the Sinaia. I gathered in the garden of the old man of the mountain

those Gerardias whose
acquaintance I wanted
to make, – it much more
resembles a Bignonia than
a Foxglove to which I
have heard that tribe
compared – I shall try to
discover how they really
do grow. Mine looked
very unfortunatical –
but as in England we
are particularly hardy at
the cultivation of practical
things why should we
not make Gerardias do
in our houses? – All the
rain & the storms have
been saving themselves up

how to manage themselves,
but it will be hard
upon him to be left
away from his wife
& family for months
longer! – they ought to
be more grateful than
they are, for he has
returned to them for
their sakes, at his own
great privation &
inconvenience. – I think
of staying about a
fortnight longer with
him; if I am to be

at Albany the beginning of October I must not prolong my visit here longer - besides which, I should run myself too late for the finest season at Niagara & Westward - Botany goes on well; on Lake Champlain I found a singular little orchideous plant which may be Tipularia, I also fell in with the Black Oak, & I think Iris Lacustris, tho' only in seed, - besides a nice fern which I am inclined to think may be a rare Asplenium - here the Ferns are very good, I have got fine spikes of what might be called Osmunda oppositifrondi - & as the ferns of Canada will all do in England, & we have few hardy ones in our gardens that are not indigenous, I shall send a box of them over I taught from hence - I am quite glad my Bignonia is one of

Montreal, I shall take advantage of this to save an odious night voyage down the St. Lawrence when I could see nothing, & it also decides my ending my pleasant visit here - it is quite an effort to tear myself away from so much that is agreeable. Lord Elgin such a delightful Host, & being the only Lady of course I am made very much of! I have felt quite a Governess General. First I am going to By Town - then I have a great wish to visit the noted Papineau who I understand has botanical tastes - then Major Campbell who married a French Canadian & lives among them - in a lovely country - After Montreal my next point will be Coburg &

Spencer Wood
Sept. 18th '54

My dear Dr. Gray

I must write directly, to tell you of the great discovery I have made upon some rocks near Point Levi opposite Quebec, the beautiful Tedy sauvage bonnie! & I have found a few seeds as well as one specimen in flower, which was very fortunate as it is now late - I can have little doubt, because it answers your description

& the Rio Lake then Toronto & Lake Huron, I work to Hong Kong by Buffalo & Niagara - did you secure my request to send Silvia to Governor Seymour? to will be glad to hear it - I shall [illegible] Dr. Wm. Lincoln [illegible] & Belcher - it is before the 1st Week in October - it is impossible to say [illegible] how long my next town will be [illegible] but I should think [illegible] a fortnight - [illegible] Friends & Belcher [illegible] Trinity [illegible] Amelia McMurray

perfectly & I see there
is no other N. E. Hedysarum.
I hope you have safely
received the little plants
of the Primulas & Linnaea
which I thought worth
sending, for tho' the latter
may be annual these plants
are young seedlings – I never
had such a successful
hour's botanizing in my life!
I owe it to Shepherd the
Seedsman of Montreal who
came here for the Ag.l exhibition,
of course I should not have
known the habitat of the
Primulas without his hint,
but he had given up all
hopes thumbing the ground
where he had found it was
built over, when I discovered
it growing between rocks where
the Hedysarum was – he had
no idea what the latter
plant was! In one morn
besides these, three good
Gentians – Saponaria & 2 others.
& several odd grasses & sagina.
I have never had any reply
to the note I wrote about
my supposed Linnaea found
at the Profile Lake, but
since I have had more
time to look, I have small
doubt it is Utricularia cornuta
very pretty & sweet it was –
On Thursday Directors met for
the first time by said act

My dear Dr. Gray –

I must send you this little case – with a few quite new to me from the Chalk district I have discovered in Florida & two or three little fossils to prove a fact which I have thought sufficiently new & interesting to be forwarded through

Mr Holbrook to
Agassiz — I have
escaped through
some dangers &
many difficulties,
but all these are
nothing in comparison
with the pleasures
I have enjoyed in
my Florida expedition.
Tomorrow I embark
for Cuba. If you
or Mrs Gray can
give me a line
in acknowledgment
of this communication
address me Poste
Restante New Orleans.
No time for more

Yours sincerely
Amelia M Murray

which puzzles me much
as it is not in fructification,
it grew about 1/2 a foot high,
with solid dark green fronds
looking at first sight like
some umbelliferous plant -
but it is a fern - & quite
of a new habit to me -
I am going to send the
roots of this & several
other things packed in a
box as dry as I can,
straight to England by
the Cleopatra which sails
Sunday -

Yrs very truly
Amelia McMurray

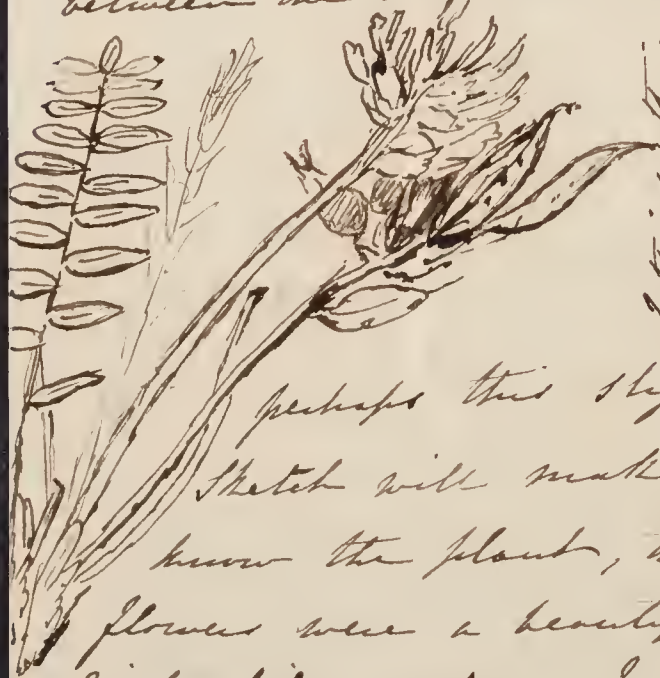
I shall not leave this till Saturday

Spencer Wood
Sept. 21st.

My dear Dr. Gray

When I wrote last,
as the plant I mentioned
was certainly belonging to
the Hedysarvae, & the Hedysarum
boreale stood alone in your book,
I rather hastily concluded that
my discovery could be no other;
but having an hour this morn
for closer investigation, I find
that the pod is certainly not a
loment, but both pod & rather,
longer than the leaf, silky &
hooked, very acuminate, whole plant, villous
from 3 to 7 pods on a head -
leaflets I should call ovate Lanceolate
deflexed at the edges, about 9 each
side besides the terminal one,

sessile - lower alternate, upper ones opposite, the terminal one short, sitting between the two last wings -



perhaps this slight sketch will make you know the plant, the flowers were a beautiful pink lilac when I gathered them, but they have dried darker - as this plant interests me much, I hope you will let me

I think this may be an Oxytropis, but it is not O but Pearl. & it cannot be uncalc as that is a Southerner

hear at Albany what you think it is - for the pods shew it cannot be what I imagined it to be - I have got bolt. seeds & bulbs of the Calopogon pulchellus which grows in the sphagnum of bogs near this place I have also found (I think) Allosorus gracilis on the rocks at Loiette, & I have also got a fern from a wet meadow on the banks of Lake Chades

instead of 2-&. is highly
scented, a peculiarity not
mentioned in your description,
I am still puzzled by
the Onobrychis or Hedysarum
or whatever it may be, &
I long to hear your opinion
but imagine it will
not be possible that
I can receive another
communication until I
reach Albany - but in
the top of the little
box you will find
some bennies of Vibrinum
pyrifolium which possibly
you have not growing -
Love to Mr. Gray Yrs truly
Asthe

Montreal
Sept. 29th

My dear Dr. Gray

Owing to your
writing my name in the corner
of your letter I was so
fortunate as to receive it here.
I came by railroad from Quebec
on Monday with Lord Elgin,
the line will not be open
for the public till the end
of next month, but the Engineer
& Directors made arrangements,
which enabled the Governor Gl.
to pass immediately with his
suite, & I was very glad to

latter advantage of the occasion, so as to escape a disagreeable night voyage down the St Lawrence — for rather up! Tomorrow I set forth up the Ottawa, paying two visits before Bytown — This day I have been to Major Campbell's on the Richmond line — & I found so many things in the botanical ~~world~~ that I am tempted to send the produce of this expedition off at once in a little box to you — Only premising, that you must keep a keen & big particular account, of what I shall owe to you for the transmission of my parcels — I strongly suspect that I send you a rare violet — & among the Ferns an Adiantum which comes very near the Capillus Veneris; but that one is always found in caves by the sea side; did I tell you that I suspect my Utricularia to be Cornuta? only it has always 3 flowers

New Orleans
April 1st/35

My dear Dr. Gray

Both Gibbs & Riddell think my fern new, & the latter agrees that if it is an Asplenium the name Hymenophyllum will be descriptive. I long to know what you think of it, & whether the little two reached you safely — Letters sent to the care of Geo: Pratt Esq: New York, will find me, I hope Mr. Blake the Geologist, will meet me for the Mammoth Cave — I shall disport myself here for a while,

& then go Northwards - it is
many weather today but was
January when we arrived
from Cuba on Wednesday last -
botanically & geologically I was
much interested in that
Island - but the Govt. is a
wretched mixture of Tyranny
& cowardice - I came away
in storm of indignation
ashamed that any Consul
should allow our flags
to float over a City, where
a Murder like that of
Cinto was enacted - Concha
is a wretch, & I could find
it in my heart to turn
Filibuster myself &c -
I have sent loads of
things to England, my
convois there have been
very successful - Fern
arrived living & they
are doing well - Love
to Mrs. Gray & Mrs. Loring
& many kind regards to
the family circle - no time
for more -

Yrs. Sincerely

Amelia M. Murray

themselves are the most competent judges - The other day who having come from Africa at 15 - one who went thro' all the honors of the slave merchant & the sea voyager after being freed having served 36 years to return to Africa says "Don't "hurt stavery Missus" "it be Good Almighty's "own school for the "black people he has "made - What should "I have done Missus

Albany June 2d
N.Y. /55 -

My dear Dr. Grey -

I could not resist the temptation of sending you off another little tin - mind I shall expect a bill of carriage from you which I did not get at Washington I have too much to tell you to be able to write it - What little tiny Iris with its golden hue & flower stem was it that I found in a forest near the Mammoth

Cave? Dr. Kirkland thinks
it new & so do I —
I would call it Aura
Why did nobody ever
tell me about the
Stone mountain of
Georgia? Why it beats
the Mammoth Cave
hollow — & is second
only to Niagara in
Stupendous grandeur —
I went a good deal
round to see it, from
a mere fancy I had —
& I would have gone
000 miles rather than
have missed it — I am
afraid my poor friend
Mrs Follen is in despair
at finding that I think
her abolitionism a
great mistake — What
a discrepancy there
is between Theory &
practice! no one should
imagine they know
anything about the
Slavery question without
living some months
in the South — & the
well informed Negroes

friends Rev. Professor
Agassiz whether I
should find him in
your neighborhood
the end of July or
beginning of August
& September I want
much to hear about
what I have been
seeing in Florida
& Georgia from him -

Yours sincerely

Amelia M. Murray

I forgot to say that
the marriage of my
young friends here
brought me away
suddenly from
Indianapolis before
I had visited the
Prairies of Ohio &
Illinois - but I am
going to indemnify
myself by a tour
in Pennsylvania with
the Bishop & Mrs.
Potter - if you write
direct here to the

care of Mr. Benj^m Tibbets
I think I must have
found a new
Syzygium in
Texas — Sky blue half
a foot high & as
large as a 1/2 crown
piece — growing in
a damp meadow —
very pretty I have
sent roots to
England — it looks
like an Iris —

without Slavery & the Slave
Merchant." who would ha
"brought me here to learn
"about good Almighty
"& to be made fit to
"go & help my race, if it
"had not been for
"Slave merchant." tell
"White Massa & Missus
"not hurt Slave institution"
& this is the tone of all
the sensible educated old
blacks — I have learned
a great deal from them,
& feel ashamed of our
ignorant, distant English
Philanthropy! Love to
Mrs Grey & my Loving

Albany
July 10th/55

Dear Dr. Gray

I cannot help hoping this is a new Pteris, it is at least very different from Alosuzus gracile I found in Canada — I found the walking fern near Cayenobia the other day — Why did you let the characteristic name of Osmund interrupter sink back into Claytonia? if people find new Genera it is very well to give them a Genera but species, I do think ought to follow character or locality which may be some guide

to future botanists - Mr. Hall does not think the plant I sent with the Sanicenia was a Pontederia tho' I know it is a common swamp thing here - but I want it I found beautiful Cypripediums & Liliums near Trenton - I go tomorrow to Lenox where my address is High Lawn care of Mrs Edwards - it is not likely I can get to Cambridge by I would rather find you in your solitude - Mr. Fallen will hear before my arrival - I have got plants of this Pteris & the Camptosorus -

My asplenium from Florida is much admired in England is it really an Asplenium? (Hymenophyllioides) - I have been most fortunate in Ferns & have got another Pteris which puzzles me - I have sent two similar to these enclosed to Dr. Torry - I arrived here from Utica yesterday - very hot - Love to Mr. Gray -

Yours sincerely

A. McMurray

4 Vane St. Bath
England
Nov. 17th/36

My dear Dr. Gray

Tho' I cannot use my pen for long together I must write a few lines of thanks for the copy of your new work which has reached my hands through Messrs. Putnam, & Mr. Strangways will be delighted to hear of it, & I have no doubt it will prove a valuable addition to botanical science —

tho' I must add as some excuse for myself that the later blossoms became white & that was the state in which I found it — My affectionate remembrances to Mrs. Gray & to My excellent friends Mr. & Mrs. Loring — I hope they are all well —

Believe me dear Dr. Gray
Yours very truly
A. McIlwraith

Since an attack of illness last spring my favorite pursuits have been in abeyance, & my correspondance with my friends sadly in arrear — I hope they will not suppose it has so happened from forgetfulness — I never shall forget the kindness shewn to me on your side the Atlantic pray express this frame to all who may suppose me negligent; — for some time past I have only written just what was positively necessary — a trifling mischief in one eye which if not attended to in time I am assured may become serious, has obliged me to be cautious. I saw some of the plants which I owe to you in bloom — the Callichoea was much admired — it was impossible to deny the justice of your decision about my "white rose" which came out pink Rosa lucida

A Murray

Tremont House
Oct 6. 1857.

My dear Dr Gray

We arrived here that is my wife & myself & her little Sister Emma this evening & we much regret that we are not able to drive over to Cambridge to call on yourself & Mrs Gray but we embark tomorrow morning in the Canada for Liverpool & have no time. We have made a hurried journey from the Falls which we left yesterday morning by the New York Central Rail Road. Person who receives the money at the Office at the Suspension Bridge station cannot be compelled to take back the note & give me either silver or good notes instead. I should have telegraphed from Albany about it but I thought it better to write to you on the subject when I arrived here as perhaps you may know some of the Directors or Managers of the New York Central Rail from the Suspension Bridge to Albany & the inconsistency may be exposed as it has deserves to be. Lady Mydleys unites with me in every thing that is kind to Mrs Gray & believe me

Yours very truly
Sincerely & most respectfully
Your Friend
A. Murray

Enclosed Draft
Rattlebrooke Pisteing
Headmoorshire England

Albany Central line sleeping last night at Rutland & proceeding from thence to Bellows Falls. We have been much pleased with the scenery which was new to us I have now a little request to make which I hope will not give you any trouble. Yesterday morning on paying the Fare by Railroad from the Suspension Bridge Station on the American side to Albany the Person at the Ticket Office who receives the money gave me in change a four dollar bill of the Danby Bank in Vermont which I afterwards when it was too late discovered to be worthless The Person who paid me the note at the Ticket Office told me it was a good note when I enquired about it which makes the matter worse & I did not discover that the note was worthless till I had left the station & it was too late to go back & return. The sum is a small one but one does not like to lose 5 dollars & the wasteful of the thing is abominable on the part of the money taker at the Office. If it is not giving you any trouble I should be much obliged if you would let me know if